



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.

9872
 Dr. Umbreen

To: Mr. M. Raza Razaq
 Site Engineer, OZ Developers Pvt. Ltd.

Project: Constructing a High-Rise Building "Bahria Sky" at Bahria Orchard Phase 4 Lahore.

Our Ref. No. CL/CED/ 9024

Dated: 29/07/2025

Test Specification

Your Ref. No. Nil

Dated: 29/07/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 29/07/2025 **Tested on:** 29/07/2025 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Concrete Type (7000 Psi)	27	6	2025	6Diax12	---	14	28.28	74	5861	---	Non Engraved
2	Concrete Type (7000 Psi)	27	6	2025	6Diax12	---	14	28.28	82	6495	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Muhammad Raza, CNIC # 35102-2835848-3 & Mr. Azhar Abbas, CNIC # 32303-1169185-9

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

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

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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9857
 Dr. Umbreen

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

Project: Construction of DHA Newlife Residencia Appartments at 273/1 Q Block Phase-II DHA, Lahore. (Stair 6th to 7th Floor, Grid H-H'/5-6 Re-Test)

Our Ref. No. CL/CED/ 9025

Dated: 29/07/2025

Test Specification

Your Ref. No. G3/DHA-NLD/RE/Prof/39

Dated: 07/07/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 25/07/2025 **Tested on:** 29/07/2025 **in dry/wet condition**



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	(4000 Psi)	31	1	2025	6Diax12	---	13.4	28.28	66	5228	---	Non Engraved
2	(4000 Psi)	31	1	2025	6Diax12	---	14	28.28	76	6020	---	Non Engraved
3	(4000 Psi)	31	1	2025	6Diax12	---	13	28.28	84	6653	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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9857
 Dr. Umbreen

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

Project: Construction of DHA Newlife Residencia Appartments at 273/1 Q Block Phase-II DHA, Lahore. (Lift Wall, Grid: H'-J/5-6, M-M'/5-6 Re-Test)

Our Ref. No. CL/CED/ 9026

Dated: 29/07/2025

Test Specification

Your Ref. No. G3/DHA-NLD/RE/Prof/40

Dated: 07/07/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **25/07/2025** Tested on: **29/07/2025** in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	(5000 Psi)	7	2	2025	6Diax12	---	13	28.28	86	6812	---	Non Engraved
2	(5000 Psi)	7	2	2025	6Diax12	---	13.4	28.28	86	6812	---	Non Engraved
3	(5000 Psi)	7	2	2025	6Diax12	---	13.6	28.28	76	6020	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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 Dr. Umbreen

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

Project: Construction of DHA Newlife Residencia Appartments at 273/1 Q Block Phase-II DHA, Lahore.(Stair 8th to 9th Floor, Grid: H-H/5-6)

Our Ref. No. CL/CED/ 9027

Dated: 29/07/2025

Test Specification

Your Ref. No. G3/DHA-NLD/RE/Prof/41

Dated: 07/07/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 25/07/2025 **Tested on:** 29/07/2025 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	(4000 Psi)	12	4	2025	6Diax12	---	12.6	28.28	54	4277	---	Non Engraved
2	(4000 Psi)	12	4	2025	6Diax12	---	13	28.28	54	4277	---	Non Engraved
3	(4000 Psi)	12	4	2025	6Diax12	---	13	28.28	54	4277	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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 Dr. Umbreen

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

Project: Construction of DHA Newlife Residencia Appartments at 273/1 Q Block Phase-II DHA, Lahore. (B-Block Slab, Grid: P-R/7-14')

Our Ref. No. CL/CED/ 9028

Dated: 29/07/2025

Test Specification

Your Ref. No. G3/DHA-NLD/RE/Prof/42

Dated: 07/07/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 25/07/2025 **Tested on:** 29/07/2025 **in dry/wet condition**



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	(4000 Psi)	16	4	2025	6Diax12	---	13.4	28.28	74	5861	---	Non Engraved
2	(4000 Psi)	16	4	2025	6Diax12	---	13.2	28.28	82	6495	---	Non Engraved
3	(4000 Psi)	16	4	2025	6Diax12	---	12.8	28.28	78	6178	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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 Dr. Umbreen

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

Project: Construction of DHA Newlife Residencia Appartments at 273/1 Q Block Phase-II DHA, Lahore. (B-Block Retaining Wall Cap, Grid: L-P/14')

Our Ref. No. CL/CED/ 9029

Dated: 29/07/2025

Test Specification

Your Ref. No. G3/DHA-NLD/RE/Prof/43

Dated: 07/07/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **25/07/2025** Tested on: **29/07/2025** in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	(4000 Psi)	24	4	2025	6Diax12	---	13	28.28	50	3960	---	Non Engraved
2	(4000 Psi)	24	4	2025	6Diax12	---	13	28.28	54	4277	---	Non Engraved
3	(4000 Psi)	24	4	2025	6Diax12	---	13	28.28	56	4436	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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 Dr. Umbreen

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

Project: Construction of DHA Newlife Residencia Appartments at 273/1 Q Block Phase-II DHA, Lahore. (B-Block Basement Slab, Grid: G-P/14-14')

Our Ref. No. CL/CED/ 9030

Dated: 29/07/2025

Test Specification

Your Ref. No. G3/DHA-NLD/RE/Prof/44

Dated: 07/07/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 25/07/2025 Tested on: 29/07/2025 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	(4000 Psi)	30	5	2025	6Diax12	---	13.4	28.28	68	5386	---	Non Engraved
2	(4000 Psi)	30	5	2025	6Diax12	---	14	28.28	74	5861	---	Non Engraved
3	(4000 Psi)	30	5	2025	6Diax12	---	13.4	28.28	64	5069	---	Non Engraved
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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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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 Dr. Umbreen

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

Project: Construction of DHA Newlife Residencia Appartments at 273/1 Q Block Phase-II DHA, Lahore. (Stair 9th to 10th Floor, Grid: H-H/5-6)

Our Ref. No. CL/CED/ 9031

Dated: 29/07/2025

Test Specification

Your Ref. No. G3/DHA-NLD/RE/Prof/45

Dated: 07/07/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 25/07/2025 **Tested on:** 29/07/2025 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	(4000 Psi)	15	5	2025	6Diax12	---	13.8	28.28	30	2376	---	Non Engraved
2	(4000 Psi)	15	5	2025	6Diax12	---	13.6	28.28	32	2535	---	Non Engraved
3	(4000 Psi)	15	5	2025	6Diax12	---	13	28.28	34	2693	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore, Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

9842
Dr. Umbreen

To: Engineer Muhammad Riaz Zahid
CEO, Faiq Construction Company.

Project: Construction of Family Loft Apartments at Jubilee Town Lahore.

Our Ref. No. CL/CED/ 9032

Dated: 29/07/2025

Test Specification

Your Ref. No. FCC/JTL/08/2025

Dated: 21/07/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22/07/2025 Tested on: 29/07/2025 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	S/8	9	7	2025	6Diax12	---	13.6	28.28	26	2059	---	Non Engraved
2	S/8	9	7	2025	6Diax12	---	14.6	28.28	30	2376	---	Non Engraved
3	S/8	9	7	2025	6Diax12	---	14	28.28	34	2693	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

9846
 Dr. Umbreen

To: Mr. Faisal Bhatti
 PM, Ittefaq Building Solutions Pvt. Ltd.

Project: Construction of Haider Saeed Commercial Plaza, Lahore.

Our Ref. No. CL/CED/ 9033

Dated: 29/07/2025

Test Specification

Your Ref. No. Nil

Dated: 23/07/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 23/07/2025 **Tested on:** 29/07/2025 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	GF Col. E/1,3,4 D/1(4000 Psi)	24	6	2025	6Diax12	---	13.6	28.28	54	4277	---	Non Engraved
2	GF Col. E/1,3,4 D/1(4000 Psi)	24	6	2025	6Diax12	---	13.2	28.28	64	5069	---	Non Engraved
3	GF Col. E/5,6 B/6 C/6 (4000 Psi)	25	6	2025	6Diax12	---	14	28.28	64	5069	---	Non Engraved
4	GF Col. E/5,6 B/6 C/6 (4000 Psi)	25	6	2025	6Diax12	---	13.6	28.28	62	4911	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

9855
 Dr. Umbreen

To: Mr. Muhammad Saleem
 Material Engineer, NESPAK Pvt. Ltd., ADP, WASA, Lahore.
Project: Annual Development Program-WASA (ADP 2024-25), Rainwater Management-Drainage Arrangement for Sore Point at Fruit & Vegetables Iqbal Town Park, Lahore.
Our Ref. No. CL/CED/ 9034 **Dated:** 29/07/2025 **Test Specification**
Your Ref. No. NESPAK/WASA/ADP/UGWT/ME/FRUIT&VEGETABL **Dated:** 15/07/2025 **(ASTM C39)**

COMPRESSION TEST REPORT



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

Specimens received on: 25/07/2025 **Tested on:** 29/07/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Top Slab (4000 Psi)	17	6	2025	6Diax12	---	13.6	28.28	60	4752	---	Engraved
2	Top Slab (4000 Psi)	17	6	2025	6Diax12	---	13	28.28	54	4277	---	Engraved
3	Top Slab (4000 Psi)	17	6	2025	6Diax12	---	13	28.28	56	4436	---	Engraved
4	Top Slab (4000 Psi)	17	6	2025	6Diax12	---	13.2	28.28	60	4752	---	Engraved
5	Top Slab (4000 Psi)	17	6	2025	6Diax12	---	13.6	28.28	70	5545	---	Engraved
6	Top Slab (4000 Psi)	17	6	2025	6Diax12	---	13.8	28.28	80	6337	---	Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

9855
 Dr. Umbreen

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

Project: Annual Development Program-WASA (ADP 2024-25), Rainwater Management-Drainage Arrangement for Sore Point at Karim Park, Lahore.

Our Ref. No. CL/CED/ 9035

Dated: 29/07/2025

Test Specification

Your Ref. No. NESPAK/WASA/ADP/UGWT/ME/KP/12

Dated: 17/07/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **25/07/2025** Tested on: **29/07/2025** in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Top Slab (4000 Psi)	19	6	2025	6Diax12	---	14	28.28	84	6653	---	Engraved
2	Top Slab (4000 Psi)	19	6	2025	6Diax12	---	13	28.28	56	4436	---	Engraved
3	Top Slab (4000 Psi)	19	6	2025	6Diax12	---	13.4	28.28	50	3960	---	Engraved
4	Top Slab (4000 Psi)	19	6	2025	6Diax12	---	13.2	28.28	72	5703	---	Engraved
5	Top Slab (4000 Psi)	19	6	2025	6Diax12	---	13	28.28	66	5228	---	Engraved
6	Top Slab (4000 Psi)	19	6	2025	6Diax12	---	14.6	28.28	50	3960	---	Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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

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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

9855
 Dr. Umbreen

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

Project: Annual Development Program-WASA (ADP 2024-25), Rainwater Management-Drainage Arrangement for Sore Point at Sharif Park, Lahore.

Our Ref. No. CL/CED/ 9036

Dated: 29/07/2025

Test Specification

Your Ref. No. NESPAK/WASA/ADP/UGWT/ME/SHARIF PARK/04

Dated: 16/07/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **25/07/2025** Tested on: **29/07/2025** in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Walls & Columns (4000 Psi)	18	6	2025	6Diax12	---	13	28.28	66	5228	---	Engraved
2	Walls & Columns (4000 Psi)	18	6	2025	6Diax12	---	14	28.28	82	6495	---	Engraved
3	Walls & Columns (4000 Psi)	18	6	2025	6Diax12	---	14	28.28	74	5861	---	Engraved
4	Walls & Columns (4000 Psi)	18	6	2025	6Diax12	---	13.4	28.28	74	5861	---	Engraved
5	Walls & Columns (4000 Psi)	18	6	2025	6Diax12	---	13.4	28.28	78	6178	---	Engraved
6	Walls & Columns (4000 Psi)	18	6	2025	6Diax12	---	14	28.28	74	5861	---	Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore, Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

9817
Dr. Umbreen

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

Project: Installation of Solar Shed Infront of Rescue Building at SIE.

Our Ref. No. CL/CED/ 9037

Dated: 29/07/2025

Test Specification

Your Ref. No. BOM/SIE/BCD 7-25/778

Dated: 17/07/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 17/07/2025 Tested on: 29/07/2025 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Foundations (1:1.5:3)	28	6	2025	6Diax12	---	13	28.28	42	3327	---	Engraved
2	Foundations (1:1.5:3)	28	6	2025	6Diax12	---	13	28.28	24	1901	---	Engraved
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/>

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

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

9817
 Dr. Umbreen

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

Project: Construction of Car Parking Shed at SIE.

Our Ref. No. CL/CED/ 9038

Dated: 29/07/2025

Test Specification

Your Ref. No. BOM/SIE/BCD 7-25/776

Dated: 16/07/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 17/07/2025 **Tested on:** 29/07/2025 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Foundations (1:1.5:3)	5	6	2025	6Diax12	---	13	28.28	40	3168	---	Engraved
2	Foundations (1:1.5:3)	5	6	2025	6Diax12	---	13	28.28	48	3802	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

9817
 Dr. Umbreen

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

Project: Development of Back Side of Rescue Building at SIE.

Our Ref. No. CL/CED/ 9039

Dated: 29/07/2025

Test Specification

Your Ref. No. BOM/SIE/BCD 7-25/777

Dated: 16/07/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 17/07/2025 **Tested on:** 29/07/2025 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Car Parking Fnd. (1:1.5:3)	28	6	2025	6Diax12	---	13	28.28	54	4277	---	Engraved
2	Car Parking Fnd. (1:1.5:3)	28	6	2025	6Diax12	---	13	28.28	26	2059	---	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/>

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

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory