



**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.

9725  
 Engr. A. Rehman

**To: Mr. Muhammad Fida**  
 Resident Engineer, HA Consulting, Johar Town, Lahore  
**Project: Construction of NASTP DELTA Phase-03, Lahore**

Our Ref. No. CL/CED/ 8818

Dated: 04/07/2025

Test Specification

Your Ref. No. HAC/NASTP/1408

Dated: 30/6/2025

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: **02/07/2025** Tested on: **04/07/2025** 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	Delta 08 Phase-03, Lhr (4000 Psi)	24	5	2025	6Diax12	---	13	28.28	59	4673	---	Non Engraved
2	Delta 08 Phase-03, Lhr (4000 Psi)	24	5	2025	6Diax12	---	14	28.28	79	6257	---	Non Engraved
3	Delta 08 Phase-03, Lhr (4000 Psi)	24	5	2025	6Diax12	---	13.2	28.28	62	4911	---	Non Engraved
4	Delta 08 Phase-03, Lhr (4000 Psi)	26	5	2025	6Diax12	---	13.6	28.28	64	5069	---	Non Engraved
5	Delta 08 Phase-03, Lhr (4000 Psi)	26	5	2025	6Diax12	---	13.6	28.28	54	4277	---	Non Engraved
6	Delta 08 Phase-03, Lhr (4000 Psi)	26	5	2025	6Diax12	---	14	28.28	82	6495	---	Non Engraved
7	Delta 08 Phase-03, Lhr (4000 Psi)	30	5	2025	6Diax12	---	14	28.28	66	5228	---	Non Engraved
8	Delta 08 Phase-03, Lhr (4000 Psi)	30	5	2025	6Diax12	---	13.6	28.28	62	4911	---	Non Engraved
9	Delta 08 Phase-03, Lhr (4000 Psi)	30	5	2025	6Diax12	---	14	28.28	76	6020	---	Non Engraved
10	Delta 08/ Parking Ph.-03, (4000 Psi)	31	5	2025	6Diax12	---	13.6	28.28	66	5228	---	Non Engraved
11	Delta 08/ Parking Ph.-03, (4000 Psi)	31	5	2025	6Diax12	---	13.6	28.28	62	4911	---	Non Engraved
12	Delta 08/ Parking Ph.-03, (4000 Psi)	31	5	2025	6Diax12	---	14	28.28	76	6020	---	Non Engraved
13	Delta 08 Phase-03, Lhr (4000 Psi)	2	6	2025	6Diax12	---	13.8	28.28	59	4673	---	Non Engraved
14	Delta 08 Phase-03, Lhr (4000 Psi)	2	6	2025	6Diax12	---	13.4	28.28	66	5228	---	Non Engraved
15	Delta 08 Phase-03, Lhr (4000 Psi)	2	6	2025	6Diax12	---	13.6	28.28	68	5386	---	Non Engraved
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

- 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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**Civil Engineering Department**  
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ORIGINAL  
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9725  
 Engr. A. Rehman

**To:** Mr. Muhammad Fida  
 Resident Engineer, HA Consulting, Johar Town, Lahore

**Project:** Construction of NASTP DELTA Phase-03, Lahore

**Our Ref. No.** CL/CED/ 8819  
**Your Ref. No.** HAC/NASTP/1407

**Dated:** 04/07/2025      **Test Specification**  
 Dated: 20/6/2025      (ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: **04/07/2025** Tested on: **04/07/2025** 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	Parking Plaza Ph-03, Lhr (3 Ksi)	9	5	2025	6Diax12	---	14	28.28	56	4436	---	Non Engraved
2	Parking Plaza Ph-03, Lhr (3 Ksi)	9	5	2025	6Diax12	---	14	28.28	62	4911	---	Non Engraved
3	Parking Plaza Ph-03, Lhr (3 Ksi)	9	5	2025	6Diax12	---	13	28.28	64	5069	---	Non Engraved
4	Parking Plaza Ph-03, Lhr (3 Ksi)	16	5	2025	6Diax12	---	13.8	28.28	62	4911	---	Non Engraved
5	Parking Plaza Ph-03, Lhr (3 Ksi)	16	5	2025	6Diax12	---	14	28.28	67	5307	---	Non Engraved
6	Parking Plaza Ph-03, Lhr (3 Ksi)	16	5	2025	6Diax12	---	13.4	28.28	62	4911	---	Non Engraved
7	Delta 08 Phase-03, Lhr (4000 Psi)	17	5	2025	6Diax12	---	14	28.28	60	4752	---	Non Engraved
8	Delta 08 Phase-03, Lhr (4000 Psi)	17	5	2025	6Diax12	---	14	28.28	77	6099	---	Non Engraved
9	Delta 08 Phase-03, Lhr (4000 Psi)	17	5	2025	6Diax12	---	13.6	28.28	68	5386	---	Non Engraved
10	Delta 08 Phase-03, Lhr (4000 Psi)	21	5	2025	6Diax12	---	14	28.28	72	5703	---	Non Engraved
11	Delta 08 Phase-03, Lhr (4000 Psi)	21	5	2025	6Diax12	---	14	28.28	74	5861	---	Non Engraved
12	Delta 08 Phase-03, Lhr (4000 Psi)	21	5	2025	6Diax12	---	14	28.28	84	6653	---	Non Engraved
13	Parking Plaza Ph-03, Lhr (4 Ksi)	22	5	2025	6Diax12	---	14	28.28	62	4911	---	Non Engraved
14	Parking Plaza Ph-03, Lhr (4 Ksi)	22	5	2025	6Diax12	---	14	28.28	68	5386	---	Non Engraved
15	Parking Plaza Ph-03, Lhr (4 Ksi)	22	5	2025	6Diax12	---	13.4	28.28	66	5228	---	Non Engraved
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* AC1318-08 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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9729  
 Engr. A. Rehman

**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, Lahore  
**Our Ref. No.** CL/CED/ 8820      **Dated:** 04/07/2025      **Test Specification**  
**Your Ref. No.** NESPAK/WASA/ADP/UGWT/ME/TIKKA/CHOWK/20      **Dated:** 01/07/2025      **(ASTM C39)**

## COMPRESSION TEST REPORT



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

Specimens received on: **02/07/2025** Tested on: **04/07/2025** 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	Slab (D1-1 Drain)-4000 Psi	25	5	2025	6Diax12	---	13.2	28.28	78	6178	---	Non Engraved
2	Slab (D1-1 Drain)-4000 Psi	25	5	2025	6Diax12	---	14	28.28	72	5703	---	Non Engraved
3	Slab (D1-1 Drain)-4000 Psi	25	5	2025	6Diax12	---	13.2	28.28	64	5069	---	Non Engraved
4	UGWT (Slab)- 4000 Psi	1	6	2025	6Diax12	---	13.2	28.28	74	5861	---	Non Engraved
5	UGWT (Slab)- 4000 Psi	1	6	2025	6Diax12	---	13	28.28	52	4119	---	Non Engraved
6	UGWT (Slab)- 4000 Psi	1	6	2025	6Diax12	---	13.4	28.28	54	4277	---	Non Engraved
7	UGWT (Slab)- 4000 Psi	1	6	2025	6Diax12	---	13.4	28.28	48	3802	---	Non Engraved
8	UGWT (Slab)- 4000 Psi	1	6	2025	6Diax12	---	13.8	28.28	64	5069	---	Non Engraved
9	UGWT (Slab)- 4000 Psi	1	6	2025	6Diax12	---	13.8	28.28	27	2139	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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 Engr. A. Rehman

**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, Lahore  
**Our Ref. No.** CL/CED/ 8821      **Dated:** 04/07/2025      **Test Specification**  
**Your Ref. No.** NESPAK/WASA/ADP/UGWT/ME/TIKKA/CHOWK/18      **Dated:** 01/07/2025      **(ASTM C39)**

## COMPRESSION TEST REPORT



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

Specimens received on: **02/07/2025** Tested on: **04/07/2025** 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	Raft (D2 Drain)-4000 Psi	24	5	2025	6Diax12	---	13.8	28.28	105	8317	---	Non Engraved
2	Raft (D2 Drain)-4000 Psi	24	5	2025	6Diax12	---	13	28.28	32	2535	---	Non Engraved
3	Raft (D2 Drain)-4000 Psi	24	5	2025	6Diax12	---	13.6	28.28	36	2851	---	Non Engraved
4	Walls (D2 Drain)-4000 Psi	27	5	2025	6Diax12	---	13.4	28.28	93	7366	---	Non Engraved
5	Walls (D2 Drain)-4000 Psi	27	5	2025	6Diax12	---	13.6	28.28	82	6495	---	Non Engraved
6	Walls (D2 Drain)-4000 Psi	27	5	2025	6Diax12	---	13.2	28.28	87	6891	---	Non Engraved
7	Slab (D2 Drain)-4000 Psi	4	6	2025	6Diax12	---	13.2	28.28	52	4119	---	Non Engraved
8	Slab (D2 Drain)-4000 Psi	4	6	2025	6Diax12	---	13.2	28.28	44	3485	---	Non Engraved
9	Slab (D2 Drain)-4000 Psi	4	6	2025	6Diax12	---	13	28.28	41	3248	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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 Engr. A. Rehman

**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, Lahore**  
 Our Ref. No. CL/CED/ 8822      Dated: 04/07/2025      Test Specification  
 Your Ref. No. NESPAK/WASA/ADP/UGWT/ME/TIKKA/CHOWK/19      Dated: 01/07/2025      (ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: **02/07/2025** Tested on: **04/07/2025** 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	Raft (D1 Drain)-4000 Psi	28	5	2025	6Diax12	---	13	28.28	50	3960	---	Non Engraved
2	Raft (D1 Drain)-4000 Psi	28	5	2025	6Diax12	---	13.6	28.28	80	6337	---	Non Engraved
3	Raft (D1 Drain)-4000 Psi	28	5	2025	6Diax12	---	13	28.28	58	4594	---	Non Engraved
4	Walls (D1 Drain)-4000 Psi	30	5	2025	6Diax12	---	13	28.28	74	5861	---	Non Engraved
5	Walls (D1 Drain)-4000 Psi	30	5	2025	6Diax12	---	13.6	28.28	47	3723	---	Non Engraved
6	Walls (D1 Drain)-4000 Psi	30	5	2025	6Diax12	---	14	28.28	66	5228	---	Non Engraved
7	Slab (D1 Drain)-4000 Psi	5	6	2025	6Diax12	---	13	28.28	86	6812	---	Non Engraved
8	Slab (D1 Drain)-4000 Psi	5	6	2025	6Diax12	---	13	28.28	84	6653	---	Non Engraved
9	Slab (D1 Drain)-4000 Psi	5	6	2025	6Diax12	---	13.2	28.28	56	4436	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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9722  
 Engr. A. Rehman

**To:** Engr. M. Rashid  
 Site Engineer, Husnain Kareemain, Residential & Commercial Builders

**Project:** Construction of Lahore Grammar School 308-C Johar Town Lahore

**Our Ref. No. CL/CED/ 8823**

**Dated: 04/07/2025**

**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:** 02/07/2025 **Tested on:** 04/07/2025 **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	---	15	6	2025	6Diax12	---	13	28.28	44	3485	---	Non Engraved
2	---	15	6	2025	6Diax12	---	13.6	28.28	48	3802	---	Non Engraved
3	---	15	6	2025	6Diax12	---	13	28.28	52	4119	---	Non Engraved
4	---	15	6	2025	6Diax12	---	13	28.28	49	3881	---	Non Engraved
5	---	15	6	2025	6Diax12	---	13	28.28	50	3960	---	Non Engraved
6	---	15	6	2025	6Diax12	---	13	28.28	50	3960	---	Non Engraved
7	---	15	6	2025	6Diax12	---	13	28.28	56	4436	---	Non Engraved
8	---	15	6	2025	6Diax12	---	13.8	28.28	51	4040	---	Non Engraved
9	---	15	6	2025	6Diax12	---	13	28.28	44	3485	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**



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

9735  
 Engr. A. Rehman

**To:** Mr. Manzoor Ahmad Joya  
 Resident Engineer, NESPAK (Pvt) Ltd

**Project:** Establishment of Labour Colony at Quaid-e-Azam Business Park, M2-Motorway, District Sheikhupura; Construction of Bachelors Hostel (Contract Package-A)

Our Ref. No. CL/CED/ 8824

Dated: 04/07/2025

Test Specification

Your Ref. No. 3844/311/RE/117

Dated: 30/6/2025

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **30/6/2025** Tested on: **04/07/2025** 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	A-15	7	4	2025	6Diax12	---	14	28.28	46	3644	---	Non Engraved
2	A-15	7	4	2025	6Diax12	---	13.6	28.28	51	4040	---	Non Engraved
3	A-15	7	4	2025	6Diax12	---	14	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/>

- \* 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.

9735  
 Engr. A. Rehman

**To:** Mr. Manzoor Ahmad Joya  
 Resident Engineer, NESPAK (Pvt) Ltd

**Project:** Establishment of Labour Colony at Quaid-e-Azam Business Park, M2-Motorway, District Sheikhupura; Construction of Bachelors Hostel (Contract Package-A)

Our Ref. No. CL/CED/ 8825

Dated: 04/07/2025

Test Specification

Your Ref. No. 3844/311/RE/103

Dated: 30/6/2025

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: 30/6/2025 Tested on: 04/07/2025 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	A-12	15	3	2025	6Diax12	---	13	28.28	48	3802	---	Non Engraved
2	A-12	15	3	2025	6Diax12	---	14	28.28	48	3802	---	Non Engraved
3	A-12	15	3	2025	6Diax12	---	14	28.28	45	3564	---	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/>

- \* 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
- \*\*\*\* AC1318-08 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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- 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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9699  
 Engr. A. Rehman

**To:** Mr. Manzoor Ahmad Joya  
 Resident Engineer, NESPAK (Pvt) Ltd

**Project:** Establishment of Labour Colony at Quaid-e-Azam Business Park, M2-Motorway, District Sheikhupura; Construction of Bachelors Hostel (Contract Package-A)

Our Ref. No. CL/CED/ 8826

Dated: 04/07/2025

Test Specification

Your Ref. No. 3844/311/RE/145

Dated: 16/6/2025

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 27/06/2025 Tested on: 04/07/2025 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	A-19	3	5	2025	6Diax12	---	13.6	28.28	42	3327	---	Non Engraved
2	A-19	3	5	2025	6Diax12	---	14.4	28.28	48	3802	---	Non Engraved
3	A-19	3	5	2025	6Diax12	---	13.6	28.28	48	3802	---	Non Engraved
4	A-20	11	5	2025	6Diax12	---	13.4	28.28	47	3723	---	Non Engraved
5	A-20	11	5	2025	6Diax12	---	13.8	28.28	49	3881	---	Non Engraved
6	A-20	11	5	2025	6Diax12	---	13.4	28.28	48	3802	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



**Plain and Reinforced Concrete Laboratory**  
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9699  
 Engr. A. Rehman

**To:** Mr. Manzoor Ahmad Joya  
 Resident Engineer, NESPAK (Pvt) Ltd

**Project:** Establishment of Labour Colony at Quaid-e-Azam Business Park, M2-Motorway, District Sheikhupura; Construction of Bachelors Hostel (Contract Package-A)

Our Ref. No. CL/CED/ 8827

Dated: 04/07/2025

Test Specification

Your Ref. No. 3844/311/RE/155

Dated: 20/6/2025

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: 27/06/2025 Tested on: 04/07/2025 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	A-21	26	5	2025	6Diax12	---	13.6	28.28	45	3564	---	Non Engraved
2	A-21	26	5	2025	6Diax12	---	14	28.28	46	3644	---	Non Engraved
3	A-21	26	5	2025	6Diax12	---	14	28.28	46	3644	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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9699  
 Engr. A. Rehman

**To:** Mr. Manzoor Ahmad Joya  
 Resident Engineer, NESPAK (Pvt) Ltd

**Project:** Establishment of Labour Colony at Quaid-e-Azam Business Park, M2-Motorway, District Sheikhupura; Construction of Bachelors Hostel (Contract Package-A)

Our Ref. No. CL/CED/ 8828

Dated: 04/07/2025

Test Specification

Your Ref. No. 3844/311/RE/152

Dated: 20/6/2025

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 27/06/2025 Tested on: 04/07/2025 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	A-13	20	3	2025	6Diax12	---	13.4	28.28	48	3802	---	Non Engraved
2	A-13	20	3	2025	6Diax12	---	13	28.28	47	3723	---	Non Engraved
3	A-13	20	3	2025	6Diax12	---	14	28.28	46	3644	---	Non Engraved
4	A-16	16	4	2025	6Diax12	---	14	28.28	46	3644	---	Non Engraved
5	A-16	16	4	2025	6Diax12	---	13.6	28.28	49	3881	---	Non Engraved
6	A-16	16	4	2025	6Diax12	---	14	28.28	48	3802	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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- \*\*\* 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



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**ORIGINAL**  
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9672  
 Engr. A. Rehman

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

**Project:** Construction of Boundary Wall at Grid Station

**Our Ref. No.** CL/CED/ 8829

**Dated:** 04/07/2025

**Test Specification**

**Your Ref. No.** BOM/SIE/BCD6-25/807

**Dated:** 24/6/2025

( ---- )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 24/6/2025 **Tested on:** 04/07/2025 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	Rectangular, Grey, 50mm	---	---	---	7.8 x 3.8 x 2	---	2240	29.64	102	7709	---	---
2	Rectangular, Grey, 50mm	---	---	---	7.8 x 3.8 x 2	---	2200	29.64	102	7709	---	---
3	Rectangular, Grey, 50mm	---	---	---	7.8 x 3.8 x 2	---	2145	29.64	95	7179	---	---
4	Rectangular, Red, 50mm	---	---	---	7.8 x 3.8 x 2	---	2295	29.64	113	8540	---	---
5	Rectangular, Red, 50mm	---	---	---	7.8 x 3.8 x 2	---	2400	29.64	117	8842	---	---
6	Rectangular, Red, 50mm	---	---	---	7.8 x 3.8 x 2	---	2410	29.64	115	8691	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by:**

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- \* 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**