



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.

8793
 Dr. Umbreen

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

Project: Rehabilitation of Floor in Front of Rescue Building.

Our Ref. No. CL/CED/ 7229

Dated: 31/1/2025

Test Specification

Your Ref. No. BOM/SIE/BCD 1-25/482

Dated: 27/01/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 30/01/2025 **Tested on:** 31/1/2025 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	12	1	2025	6Diax12	---	14	28.28	42	3327	---	Non Engraved
2	4000 Psi	12	1	2025	6Diax12	---	14	28.28	42	3327	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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

- 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.

8804
 Dr. Qasim Khan

To: Mr. M. Yasir Kiani
 Resident Engineer (JCP WAHGA), Architecture & Planning Division, Lahore. NESPAK (Pvt) Ltd.

Project: Relocation and Enhancement of Wahga Border Flagpole.

Our Ref. No. CL/CED/ 7230

Dated: 31/01/2025

Test Specification

Your Ref. No. 4749/031/YK/01/128

Dated: 31/01/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 31/01/2025 **Tested on:** 31/01/2025 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)	21	1	2025	6Diax12	---	14	28.28	44	3485	---	Non Engraved
2	(4000 Psi)	21	1	2025	6Diax12	---	14.2	28.28	35	2772	---	Non Engraved
3	(4000 Psi)	21	1	2025	6Diax12	---	13.6	28.28	48	3802	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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9	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Muhammad Zohaib CNIC # 32304-8774991-1

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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8796
Dr. Umbreen

To: **IBNA AL AZIZ**
New Garden Town, Lahore.

Project: Sapphire Residence 84-Arif Jan Road Cantt Lahore.

Our Ref. No. CL/CED/ 7231

Dated: 31/1/2025

Test Specification

Your Ref. No. I A A -131252

Dated: 30/1/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **30/1/2025** Tested on: **31/1/2025** 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	22	1	2025	6Diax12	---	13.2	28.28	44	3485	---	Non Engraved
2	4000 Psi	22	1	2025	6Diax12	---	14	28.28	50	3960	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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
- **** AC1318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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8797
 Dr. Umbreen

To: Mr. Zia-ur-Rauf
 Resident Engineer, New Vision Engineering Consultant

Project: Upgradation & Modernization of Pakistan Mint Phase II-A Shalimar Town GT Road Lahore (Slab Roof & Beam Grid 11A/16'-A/D; Block-I Column B.B. to Roof Slab)

Our Ref. No. CL/CED/ 7233

Dated: 31/1/2025

Test Specification

Your Ref. No. NVEC/RE/PAKMINT/2025/03

Dated: 29/1/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 30/1/2025 Tested on: 31/1/2025 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	1	1	2025	6Diax12	---	14	28.28	90	7129	---	Non Engraved
2	4000 Psi	1	1	2025	6Diax12	---	13.2	28.28	66	5228	---	Non Engraved
3	4000 Psi	1	1	2025	6Diax12	---	13.6	28.28	62	4911	---	Non Engraved
4	4000 Psi	1	1	2025	6Diax12	---	13.4	28.28	62	4911	---	Non Engraved
5	4000 Psi	1	1	2025	6Diax12	---	13.6	28.28	60	4752	---	Non Engraved
6	4000 Psi	1	1	2025	6Diax12	---	14	28.28	85	6733	---	Non Engraved
7	5000 Psi	1	1	2025	6Diax12	---	13.8	28.28	63	4990	---	Non Engraved
8	5000 Psi	1	1	2025	6Diax12	---	14	28.28	80	6337	---	Non Engraved
9	5000 Psi	1	1	2025	6Diax12	---	14	28.28	68	5386	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
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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
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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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8774
 Dr. Umbreen

To: Mr. Mahbub ur Rehman
 Project Manager, 7 Canal Developers

Project: 7 Canal Residential Apartment Buildings

Our Ref. No. CL/CED/ 7233

Dated: 31/1/2025

Test Specification

Your Ref. No. Nil

Dated: 29/1/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 29/1/2025 Tested on: 31/1/2025 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	---	14	1	2025	6Diax12	---	14.2	28.28	40	3168	---	Engraved
2	---	14	1	2025	6Diax12	---	15.6	28.28	54	4277	---	Engraved
3	---	15	1	2025	6Diax12	---	15.6	28.28	44	3485	---	Engraved
4	---	15	1	2025	6Diax12	---	15.6	28.28	40	3168	---	Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Bashir Hussain, CNIC: 35202-3135814-3

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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ORIGINAL
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8764
 Dr. Umbreen

To: **Mr. ILYAS MALIK**
 Senior Manager, MAYFAIR RESIDENCIA

Project: MAYFAIR RESIDENCIA

Our Ref. No. CL/CED/ 7236

Dated: 31/1/2025

Test Specification

Your Ref. No. Nil

Dated: 27/1/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **28/1/2025** Tested on: **31/1/2025** 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	Mix Design #1 (410 kg Cement)	19	1	2025	6Diax12	---	13	28.28	26	2059	---	Non Engraved
2	Mix Design #1 (410 kg Cement)	19	1	2025	6Diax12	---	13	28.28	22	1743	---	Non Engraved
3	Mix Design #2 (425 kg Cement)	19	1	2025	6Diax12	---	13	28.28	38	3010	---	Non Engraved
4	Mix Design #2 (425 kg Cement)	19	1	2025	6Diax12	---	13	28.28	44	3485	---	Non Engraved
5	Mix Design #3 (450 kg Cement)	19	1	2025	6Diax12	---	13.2	28.28	34	2693	---	Non Engraved
6	Mix Design #3 (450 kg Cement)	19	1	2025	6Diax12	---	13.2	28.28	34	2693	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: **Mr. Muaz Ali Khan, CNIC: 35202-5730031-1**

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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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8779
 Dr. Umbreen

To: Mr. Muhammad Sajjad
 Project Incharge

Project: Construction of House No. 60, C Block Model, Town Lahore. (5th Floor Columns, Shearing and Lift Retaining Walls)

Our Ref. No. CL/CED/ 7235

Dated: 31/1/2025

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: 29/1/2025 Tested on: 31/1/2025 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	Col. & Shearing Wall (4000 Psi)	17	1	2025	6Diax12	---	14	28.28	52	4119	---	Non Engraved
2	Col. & Shearing Wall (4000 Psi)	17	1	2025	6Diax12	---	14	28.28	56	4436	---	Non Engraved
3	Col. & Shearing Wall (4000 Psi)	17	1	2025	6Diax12	---	13.4	28.28	62	4911	---	Non Engraved
4	Col. & Shearing Wall (4000 Psi)	18	1	2025	6Diax12	---	14	28.28	66	5228	---	Non Engraved
5	Col. & Shearing Wall (4000 Psi)	18	1	2025	6Diax12	---	14.2	28.28	66	5228	---	Non Engraved
6	Col. & Shearing Wall (4000 Psi)	18	1	2025	6Diax12	---	14.2	28.28	56	4436	---	Non Engraved
7	Lift Rtnng. & Shearing W.(4Ksi)	24	1	2025	6Diax12	---	13.8	28.28	54	4277	---	Non Engraved
8	Lift Rtnng. & Shearing W.(4Ksi)	24	1	2025	6Diax12	---	13.8	28.28	54	4277	---	Non Engraved
9	Lift Rtnng. & Shearing W.(4Ksi)	24	1	2025	6Diax12	---	14	28.28	58	4594	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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



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8765
 Dr. Umbreen

To: Mr. ALI ANSAR
 Project Coordinator, SINACO ENGINEERS (PVT) LTD

Project: Construction of New Concentrate Plant TCCEC SMP III, Raiwind Road, Lahore. (Roof Beams & Slab)

Our Ref. No. CL/CED/ 7236

Dated: 31/1/2025

Test Specification

Your Ref. No. 00071-2025

Dated: 28/1/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 28/1/2025 Tested on: 31/1/2025 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	Electric Room (4000 Psi)	8	1	2025	6Diax12	---	13.6	28.28	50	3960	---	Non Engraved
2	Electric Room (4000 Psi)	8	1	2025	6Diax12	---	13.8	28.28	52	4119	---	Non Engraved
3	AHU Room (4000 Psi)	21	1	2025	6Diax12	---	13.6	28.28	52	4119	---	Non Engraved
4	AHU Room (4000 Psi)	21	1	2025	6Diax12	---	13.4	28.28	40	3168	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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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
- **** 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.

8768
Dr. Umbreen

To: **Mr. M. Waseem Azhar**
Assistant Director (QCD), WASA, LDA, Lahore

Project: Testing of Concrete Cylinder Against (M/S. Universal RCC Pipe Factory)

Our Ref. No. CL/CED/ 7237

Dated: 31/1/2025

Test Specification

Your Ref. No. QCD/284

Dated: 20/1/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **28/1/2025** Tested on: **31/1/2025** 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	---	25	12	2024	6Diax12	---	12.2	28.28	44	3485	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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

- 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



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.

8768
Dr. Umbreen

To: Mr. M. Waseem Azhar
Assistant Director (QCD), WASA, LDA, Lahore

Project: Testing of Concrete Cylinder Against (M/S. Universal RCC Pipe Factory)

Our Ref. No. CL/CED/ 7238

Dated: 31/1/2025

Test Specification

Your Ref. No. QCD/285

Dated: 20/1/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 28/1/2025 Tested on: 31/1/2025 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	---	21	12	2024	6Diax12	---	12.6	28.28	22	1743	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

8768
Dr. Umbreen

To: Mr. M. Waseem Azhar
Assistant Director (QCD), WASA, LDA, Lahore

Project: Testing of Concrete Cylinder Against (M/S. Universal RCC Pipe Factory)

Our Ref. No. CL/CED/ 7239

Dated: 31/1/2025

Test Specification

Your Ref. No. QCD/286

Dated: 20/1/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 28/1/2025 Tested on: 31/1/2025 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	---	23	12	2024	6Diax12	---	12.8	28.28	52	4119	---	Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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
- **** 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.

8726
Dr. M. Yousaf

To: Mr. M. Usman Yousaf
Assistant Manager Design & Estimation, Riaz-ud-Din Engineering (Pvt) Ltd.

Project: Riaz-ud-Din Engineering Pvt Ltd (RECO STEEL), Head Office, 97-K Commercial Phase-1, Lahore

Our Ref. No. CL/CED/ 7240

Dated: 31/1/2025

Test Specification

Your Ref. No. RECO/DHA/2025-101

Dated: 21/1/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22/1/2025 Tested on: 30/01/2025 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	C-5 Grid @ E-5	7	1	2025	6Diax12	---	14	28.28	54	4277	---	Engraved
2	U-Slab	3	1	2025	6Diax12	---	13.4	28.28	27	2139	---	Engraved
3	Raft	20	12	2024	6Diax12	---	13.6	28.28	79	6257	---	Non Engraved
4	Retaining Wall	25	12	2024	6Diax12	---	13	28.28	33	2614	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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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
- **** 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



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.

8706
 Dr. M. Yousaf

To: Mr. Muhammad Mohsin
 Resident Engineer, Environmental & Public Health Engineering Division, NESPAK (Pvt) Ltd.
Project: Tender No. P&S/25.01/5655 Construction of Storm Water Drainage System from Sham Nagar to River Ravi (Package-II) [Concrete Cylinders SC-D (4000 Psi)]
Our Ref. No. CL/CED/ 7241 **Dated:** 31/1/2025 **Test Specification**
Your Ref. No. 3882/11/MM/01/441 **Dated:** 09/01/2025 **(ASTM C39)**

COMPRESSION TEST REPORT



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

Specimens received on: 20/1/2025 **Tested on:** 30/01/2025 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	Bed (RD 0+172 to 0+184)	12	12	2024	6Diax12	---	13.8	28.28	80	6337	---	Non Engraved
2	Bed (RD 0+172 to 0+184)	12	12	2024	6Diax12	---	14	28.28	85	6733	---	Non Engraved
3	Bed (RD 0+172 to 0+184)	12	12	2024	6Diax12	---	13.4	28.28	47	3723	---	Non Engraved
4	Bed (RD 0+160 to 0+172)	13	12	2024	6Diax12	---	13.4	28.28	66	5228	---	Non Engraved
5	Bed (RD 0+160 to 0+172)	13	12	2024	6Diax12	---	13.6	28.28	82	6495	---	Non Engraved
6	Bed (RD 0+160 to 0+172)	13	12	2024	6Diax12	---	14	28.28	44	3485	---	Non Engraved
7	Supreme Gate Ramp	2	1	2025	6Diax12	---	14	28.28	91	7208	---	Non Engraved
8	Supreme Gate Ramp	2	1	2025	6Diax12	---	14.2	28.28	79	6257	---	Non Engraved
9	Supreme Gate Ramp	2	1	2025	6Diax12	---	14	28.28	97	7683	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
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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
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- **** 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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ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

8767
 Dr. Umbreen

To: Mr. Junaid Ahmad
 Project Engineer, Architecture & Town Planning Division, NESPAK (Pvt) Ltd
 Project: Construction of Test Beds and Workshop Building for Al-Ghazi Tractors Limited Sheikhpura Road Lahore.
 Our Ref. No. CL/CED/ 7242 Dated: 31/1/2025 Test Specification
 Your Ref. No. 4829/311/JA/01/23850 Dated: 24/1/2025 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **28/1/2025** Tested on: **31/1/2025** 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	RCC Column Footings	17	1	2025	6Diax12	---	13.4	28.28	42	3327	---	Non Engraved
2	RCC Column Footings	17	1	2025	6Diax12	---	13.2	28.28	48	3802	---	Non Engraved
3	RCC Column Footings	17	1	2025	6Diax12	---	13.4	28.28	32	2535	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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8672
 Dr. M. Yousaf

To: Director P&D
 King Edward Medical University, Lahore.

Project: Construction of Bio Safety Lab Level III KEMU, Lahore

Our Ref. No. CL/CED/ 7243

Dated: 31/1/2025

Test Specification

Your Ref. No. P&D/KEMU/07-09

Dated: 15/1/2025

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 15/1/2025 **Tested on:** 30/01/2025 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	R7	---	---	---	9 x 4.4 x 3	3800	3265	39.6	39	2206	16.39	---
2	R7	---	---	---	9 x 4.5 x 3	3985	3420	40.5	31	1715	16.52	---
3	R7	---	---	---	8.9 x 4.4 x 3.2	3790	3390	39.16	40	2288	11.8	---
4	R7	---	---	---	9 x 4.3 x 3	3760	3360	38.7	33	1910	11.9	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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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.

8720
 Dr. M. Yousaf

To: Mr. RAJAB ALI
 Resident Engineer, RAVI Zone-II, Lahore, NESPAK (Pvt) Ltd.
Project: Lahore Development Program-WASA (Phase-I), Improvement of Water Supply / Sewerage System in UC-23 Ravi Zone Lahore
 Our Ref. No. CL/CED/ 7244 Dated: 31/1/2025 Test Specification
 Your Ref. No. NESPAK/WASA/RAVI-II/RE/005 Dated: 07/01/2025 (BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 21/1/2025 Tested on: 30/01/2025 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	S	---	---	---	9 x 4.1 x 3	3560	3200	36.9	43	2610	11.25	---
2	S	---	---	---	8.5 x 4.1 x 3	3595	3105	34.85	41	2635	15.78	---
3	S	---	---	---	8.9 x 4.3 x 3	3605	3195	38.27	40	2341	12.83	---
4	S	---	---	---	8.9 x 4.3 x 3	3585	3290	38.27	28	1639	8.97	---
5	S	---	---	---	8.9 x 4.3 x 2.9	3540	3200	38.27	42	2458	10.63	---
6	S	---	---	---	8.8 x 4.1 x 2.9	3610	3150	36.08	41	2545	14.6	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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

- 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

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8720
Dr. M. Yousaf

To: **Mr. RAJAB ALI**
Resident Engineer, RAVI Zone-II, Lahore, NESPAK (Pvt) Ltd
Project: Lahore Development Program-WASA (Phase-I), Improvement of Water Supply / Sewerage System in UC-31 Shalimar Zone Lahore
Our Ref. No. CL/CED/ 7245 Dated: 31/1/2025 Test Specification
Your Ref. No. NESPAK/WASA/RAVI-II/RE/006 Dated: 07/01/2025 (BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **21/1/2025** Tested on: **30/01/2025** 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	---	---	---	9 x 4.3 x 2.9	3710	3270	38.7	48	2778	13.46	---
2	S	---	---	---	8.8 x 4.2 x 3	3550	3125	36.96	32	1939	13.6	---
3	S	---	---	---	8.8 x 4.2 x 2.9	3700	3245	36.96	38	2303	14.02	---
4	S	---	---	---	8.7 x 4.2 x 2.9	3665	3190	36.54	27	1655	14.89	---
5	S	---	---	---	8.8 x 4.3 x 2.9	3595	3260	37.84	44	2605	10.28	---
6	S	---	---	---	8.8 x 4.2 x 3	3615	3110	36.96	38	2303	16.24	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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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"dia x 12" 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
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8657
 Dr. M. Yousaf

To: Mr. Abid Azim
 Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd.
Project: Rehabilitation / Improvement of Street Pavement, Sewerage / Drainage UC 36, 37, 38, 39 Ravi Zone MCL.
 Our Ref. No. CL/CED/ 7246 Dated: 31/1/2025
 Your Ref. No. 4084/103/LDP/Ravi/04/66 Dated: 11/01/2025

Test Specification
 (BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 14/1/2025 Tested on: 30/01/2025 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	AF	---	---	---	8.8 x 4.1 x 2.8	3760	3280	36.08	43	2670	14.63	---
2	AF	---	---	---	8.9 x 4.1 x 2.9	3690	3315	36.49	42	2578	11.31	---
3	AF	---	---	---	8.8 x 4.2 x 3	3805	3440	36.96	43	2606	10.61	---
4	AF	---	---	---	8.9 x 4.2 x 2.9	3710	3135	37.38	44	2637	18.34	---
5	AF	---	---	---	8.8 x 4.1 x 2.9	3685	3245	36.08	44	2732	13.56	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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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
- **** AC1318-08 requires mean of two sample (6"dia x 12" 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
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8716
Dr. M. Yousaf

To: Resident Engineer
Construction of Autism School, Lhr. MASCON Associates (Pvt) Ltd & HA Consulting

Project: Construction of Autism School, Lahore.

Our Ref. No. CL/CED/ 7247-1 of 2

Dated: 31/1/2025

Test Specification

Your Ref. No. HAC-MAC/24/ECAS/Lab/004

Dated: 20/12/2024

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **21/1/2025** Tested on: **31/1/2025** 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	55	---	---	---	8.9 x 4.4 x 2.9	---	3280	39.16	28	1602	---	---
2	55	---	---	---	8.8 x 4.3 x 3	---	3430	37.84	47	2782	---	---
3	55	---	---	---	8.8 x 4.3 x 3	---	3390	37.84	44	2605	---	---
4	55	---	---	---	8.9 x 4.3 x 3.1	3845	3440	38.27	---	---	11.77	---
5	55	---	---	---	8.8 x 4.3 x 2.9	3625	3230	37.84	---	---	12.23	---
6	55	---	---	---	8.8 x 4.2 x 2.9	3790	3460	36.96	---	---	9.54	---
7	RA	---	---	---	8.8 x 4.3 x 2.9	---	3285	37.84	44	2605	---	---
8	RA	---	---	---	9 x 4.4 x 3	---	3390	39.6	34	1923	---	---
9	RA	---	---	---	8.9 x 4.3 x 3.1	---	3385	38.27	28	1639	---	---
10	RA	---	---	---	9 x 4.3 x 3	3840	3415	38.7	---	---	12.45	---
11	RA	---	---	---	8.7 x 4.2 x 2.9	3615	3310	36.54	---	---	9.21	---
12	RA	---	---	---	8.8 x 4.3 x 2.9	3660	3255	37.84	---	---	12.44	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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- ** 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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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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8716
 Dr. M. Yousaf

To: Resident Engineer
 Construction of Autism School, Lhr. MASCON Associates (Pvt) Ltd & HA Consulting

Project: Construction of Autism School, Lahore.

Our Ref. No. CL/CED/ 7247-2 of 2

Dated: 31/1/2025

Test Specification

Your Ref. No. HAC-MAC/24/ECAS/Lab/004

Dated: 20/12/2024

(BS 3921)**

COMPRESSION TEST REPORT



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

Specimens received on: 21/1/2025 Tested on: 31/1/2025 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	NC	---	---	---	8.8 x 4.3 x 3	---	3340	37.84	44	2605	---	---
2	NC	---	---	---	8.8 x 4.3 x 3	---	3345	37.84	36	2131	---	---
3	NC	---	---	---	8.7 x 4.2 x 2.8	---	3060	36.54	40	2452	---	---
4	NC	---	---	---	8.8 x 4.3 x 2.9	3345	2985	37.84	---	---	12.06	---
5	NC	---	---	---	8.7 x 4.2 x 2.8	3340	2995	36.54	---	---	11.52	---
6	NC	---	---	---	9 x 4.4 x 3	3970	3535	39.6	---	---	12.31	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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



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 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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8661
 Dr. M. Yousaf

To: Mr. RAJAB ALI
 Resident Engineer, RAVI Zone-II, Lahore, NESPAK (Pvt) Ltd
Project: Lahore Development Program-WASA (Phase-I) Ravi Zone-II, Improvement of Water Supply / Sewerage System in UC-30 Ravi Zone Lahore.
 Our Ref. No. CL/CED/ 7248 Dated: 31/1/2025
 Your Ref. No. NESPAK/WASA/RAVI-II/RE/01 Dated: 13/1/2025

Test Specification
 (BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 14/1/2025 Tested on: 31/1/2025 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	M	---	---	---	8.8 x 4.3 x 2.9	3710	3340	37.84	42	2486	11.08	---
2	M	---	---	---	8.9 x 4.2 x 3	3595	3240	37.38	44	2637	10.96	---
3	M	---	---	---	8.8 x 4.2 x 3	3700	3320	36.96	46	2788	11.45	---
4	M	---	---	---	8.8 x 4.3 x 3	3635	3240	37.84	34	2013	12.19	---
5	M	---	---	---	8.9 x 4.3 x 3	3835	3350	38.27	44	2575	14.48	---
6	M	---	---	---	8.8 x 4.2 x 2.9	3665	3210	36.96	38	2303	14.17	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Director/Dy. Director Concrete Laboratory