



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.

8536
 Dr. M. Yousaf

To: Engr. Muhammad Tariq Assi
 General Manager Construction, Jafris & Steele (Pvt.) Ltd.

Project: (Location: Col. Ele. (-19~9))

Our Ref. No. CL/CED/ 6913

Dated: 1/1/2025

Test Specification

Your Ref. No. JSPL2024/JS-80/530

Dated: 12/31/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **Tested on:** **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	# 1138 (6000 Psi)	23	12	2024	6Diax12	---	13.4	28.28	51	4040	---	Non Engraved
2	# 1139 (6000 Psi)	23	12	2024	6Diax12	---	13.6	28.28	56	4436	---	Non Engraved
3	# 1140 (6000 Psi)	23	12	2024	6Diax12	---	13.4	28.28	49	3881	---	Non Engraved
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Witnessed by: Mr. Farhan Mehboob, CNIC # 38101-5930578-1

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

- * 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
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ORIGINAL
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8546
Dr. M. Yousaf

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/ 6914

Dated: 1/1/2025

Test Specification

Your Ref. No. 4749/031/YK/01/115

Dated: 12/31/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 12/31/2024 Tested on: 1/1/2025 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	(3000 Psi)	22	12	2024	6Diax12	---	14	28.28	41	3248	---	Engraved
2	(3000 Psi)	22	12	2024	6Diax12	---	14	28.28	48	3802	---	Engraved
3	(3000 Psi)	22	12	2024	6Diax12	---	13.8	28.28	44	3485	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Muhammad Uzair, Associate Engineer, CNIC # 35200-1571519-1

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

- * 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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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.

8532
 Dr. Asif Hameed

To: Project Manager
M/S STRIDGE Construction Company

Project: The Mark Tower at Finance & Trade Center- Johar Town, Lahore

Our Ref. No. CL/CED/ 6915

Dated: 1/1/2025

Test Specification

Your Ref. No. OUT-L-010-TMT-003

Dated: 30/12/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 30/12/2024 Tested on: 1/1/2025 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	Curing Compound (6Ksi), Raft	13	12	2024	6Diax12	---	13.2	28.28	58	4594	---	Non Engraved
2	Curing Compound (6Ksi), Raft	13	12	2024	6Diax12	---	13.2	28.28	85	6733	---	Non Engraved
3	Curing Compound (6Ksi), Raft	13	12	2024	6Diax12	---	14	28.28	83	6574	---	Non Engraved
4	Water Curing (6000 Psi), Raft	13	12	2024	6Diax12	---	14.2	28.28	83	6574	---	Non Engraved
5	Water Curing (6000 Psi), Raft	13	12	2024	6Diax12	---	14	28.28	72	5703	---	Non Engraved
6	Water Curing (6000 Psi), Raft	13	12	2024	6Diax12	---	14	28.28	87	6891	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: M. Mutahir, CNIC 31104-8333958-9 (STRIDGE); M. Imtiaz, CNIC 82201-1564107-7 (MAC)

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8411
 Dr. M. Yousaf

To: Mr. Muhammad Saddique
 Head QA/QC, AL-A'ZAMIYYA PHASE I, Township, Lahore

Project: Nil

Our Ref. No. CL/CED/ 6916

Dated: 1/1/2025

Test Specification

Your Ref. No. Alz./CT/UET/020

Dated: 12/12/2024

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 12/12/2024 Tested on: 1/1/2025 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	NB-1	---	---	---	8.8 x 4.3 x 3	3840	3425	37.84	38	2249	12.12	---
2	NB-1	---	---	---	8.8 x 4.3 x 3	3790	3325	37.84	30	1776	13.98	---
3	NB-1	---	---	---	8.9 x 4.3 x 3	3680	3275	38.27	40	2341	12.37	---
4	NB-1	---	---	---	8.8 x 4.3 x 3	3800	3345	37.84	32	1894	13.6	---
5	NB-1	---	---	---	8.9 x 4.3 x 3	3820	3370	38.27	30	1756	13.35	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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Civil Engineering Department

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ORIGINAL
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8469
Dr. M. Yousaf

To: Syed Azhar Hussain
Resident Engineer, PRSWSS Project, Mohalla Qabristan, Noorpur Thal City, Khushab
Project: Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP) Tehsil Noor Pur Thal, District Khushab. (Location: Bahal Road District Layyah). (Techno-Consult International Pvt. Ltd.)
Our Ref. No. CL/CED/ 6917 Dated: 1/1/2025
Your Ref. No. TCI/PRSESSP-NORTH/PHASE-III/NPT-04/031 Dated: 12/5/2024

Test Specification
(----)

COMPRESSION TEST REPORT



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

Specimens received on: 20/12/2024 Tested on: 1/1/2025 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	5	---	---	---	8.5 x 4.2 x 2.5	2850	2440	35.7	38	2384	16.8	---
2	5	---	---	---	8.4 x 4.2 x 2.5	2760	2380	35.28	40	2540	15.97	---
3	5	---	---	---	8.6 x 4.2 x 2.5	2800	2390	36.12	44	2729	17.15	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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ORIGINAL
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8467
 Dr. M. Yousaf

To: **M. Arif Sahi**
 Project Manager / Team Leader, BARQAAB Consulting Services (Pvt) Ltd

Project: 500/220 kV Nowshehara HVAC Grid Station and Associated 500 Kv D/C OHTL

Our Ref. No. CL/CED/ 6918

Dated: 1/1/2025

Test Specification

Your Ref. No. WB-05A/BQB/NTDC/1172

Dated: 11/12/2024

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 19/12/2024 Tested on: 1/1/2025 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	PR	---	---	---	8.8 x 4.2 x 3	3305	2825	36.96	52	3152	16.99	---
2	PR	---	---	---	8.9 x 4.2 x 3	3315	2845	37.38	38	2277	16.52	---
3	PR	---	---	---	8.8 x 4.2 x 2.9	3265	2825	36.96	46	2788	15.58	---
4	PR	---	---	---	8.9 x 4.3 x 3	3335	2880	38.27	34	1990	15.8	---
5	PR	---	---	---	8.9 x 4.2 x 3	3250	2785	37.38	46	2757	16.7	---
6	PR	---	---	---	8.9 x 4.3 x 3	3275	2830	38.27	40	2341	15.72	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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ORIGINAL
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8518
Dr. M. Yousaf

To: Mr. Sulman
Material Manager, Blue Horizon Consultants, Khyaban-e-Jinnah, Lahore
Project: 4-Storey Commercial Building Construction (Frame Structure), E1-Block, Valancia Society, Lahore.
(Consultant: BH. Consultants)
Our Ref. No. CL/CED/ 6919
Your Ref. No. Request#002

Dated: 1/1/2025
Dated: 26/12/2024
Test Specification (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27/12/2024 Tested on: 1/1/2025 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	1:1.5:3 (4000 Psi)	20	12	2024	6Diax12	---	14	28.28	68	5386	---	Non Engraved
2	1:1.5:3 (4000 Psi)	20	12	2024	6Diax12	---	14	28.28	56	4436	---	Non Engraved
3	1:1.5:3 (4000 Psi)	20	12	2024	6Diax12	---	13.6	28.28	57	4515	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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8508
 Dr. M. Yousaf

To: Engr. Muhammad Aslam
 Site Engineer, Hasnain Builders, Wapda Town, Lahore

Project: Construction of Lahore Grammer School Shalamar Link Road

Our Ref. No. CL/CED/ 6920

Dated: 1/1/2025

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: 26/12/2024 **Tested on:** 1/1/2025 **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	---	7	12	2024	6Diax12	---	13	28.28	38	3010	---	Engraved
2	---	7	12	2024	6Diax12	---	13	28.28	41	3248	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * 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.

8507
Dr. M. Yousaf

To: Mr. Fraz Khalid Syed
Assistant Director-II (Q.C.D) WASA, LDA, LAHORE

Project: (M/S MIAN AHTEHAM PIPE FACTORY)

Our Ref. No. CL/CED/ 6921

Dated: 1/1/2025

Test Specification

Your Ref. No. QCD/2408

Dated: 12/2/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 26/12/2024 Tested on: 1/1/2025 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	---	22	8	2024	6Diax12	---	14	28.28	62	4911	---	Engraved
2	---	22	8	2024	6Diax12	---	14	28.28	55	4356	---	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-reports/>

- * 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.

8507
Dr. M. Yousaf

To: Mr. Fraz Khalid Syed
Assistant Director-II (Q.C.D) WASA, LDA, LAHORE

Project: (M/S MIAN AHTEHAM PIPE FACTORY)

Our Ref. No. CL/CED/ 6922

Dated: 1/1/2025

Test Specification

Your Ref. No. QCD/2409

Dated: 12/2/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 26/12/2024 Tested on: 1/1/2025 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	---	29	8	2024	6Diax12	---	13	28.28	57	4515	---	Engraved
2	---	29	8	2024	6Diax12	---	13.8	28.28	58	4594	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * 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.

8507
 Dr. M. Yousaf

To: Mr. Fraz Khalid Syed
 Assistant Director-II (Q.C.D) WASA, LDA, LAHORE

Project: (M/S MIAN AHTESHAM PIPE FACTORY)

Our Ref. No. CL/CED/ 6923

Dated: 1/1/2025

Test Specification

Your Ref. No. QCD/2410

Dated: 12/2/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 26/12/2024 Tested on: 1/1/2025 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	---	5	9	2024	6Diax12	---	14	28.28	71	5624	---	Engraved
2	---	5	9	2024	6Diax12	---	14	28.28	67	5307	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * 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.

8507
 Dr. M. Yousaf

To: Mr. Fraz Khalid Syed
 Assistant Director-II (Q.C.D) WASA, LDA, LAHORE

Project: (M/S MIAN AHTEHAM PIPE FACTORY)

Our Ref. No. CL/CED/ 6924

Dated: 1/1/2025

Test Specification

Your Ref. No. QCD/2411

Dated: 12/2/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 26/12/2024 Tested on: 1/1/2025 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	---	20	9	2024	6Diax12	---	13.4	28.28	68	5386	---	Engraved
2	---	20	9	2024	6Diax12	---	14	28.28	59	4673	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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" 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.

8507
Dr. M. Yousaf

To: Mr. Fraz Khalid Syed
Assistant Director-II (Q.C.D) WASA, LDA, LAHORE

Project: (M/S MIAN AHTEHAM PIPE FACTORY)

Our Ref. No. CL/CED/ 6925

Dated: 1/1/2025

Test Specification

Your Ref. No. QCD/2412

Dated: 12/2/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 26/12/2024 Tested on: 1/1/2025 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	---	2	10	2024	6Diax12	---	14	28.28	67	5307	---	Engraved
2	---	2	10	2024	6Diax12	---	13.8	28.28	61	4832	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * 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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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.

8507
Dr. M. Yousaf

To: Mr. Fraz Khalid Syed
Assistant Director-II (Q.C.D) WASA, LDA, LAHORE

Project: (M/S MIAN AHTEHAM PIPE FACTORY)

Our Ref. No. CL/CED/ 6926

Dated: 1/1/2025

Test Specification

Your Ref. No. QCD/2413

Dated: 12/2/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 26/12/2024 Tested on: 1/1/2025 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	---	9	10	2024	6Diax12	---	13.8	28.28	63	4990	---	Engraved
2	---	9	10	2024	6Diax12	---	14	28.28	59	4673	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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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.

8475
 Dr. M. Yousaf

To: Mr. Rashid Kamran
 Resident Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Construction of Electric Bus Depot at Green Town, Lahore

Our Ref. No. CL/CED/ 6927

Dated: 1/1/2025

Test Specification

Your Ref. No. 4792/13/RK/05/10

Dated: 19/12/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 20/12/2024 Tested on: 1/1/2025 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	5000 Psi	12	12	2024	6Diax12	---	14	28.28	79	6257	---	Non Engraved
2	5000 Psi	12	12	2024	6Diax12	---	13.8	28.28	70	5545	---	Non Engraved
3	5000 Psi	12	12	2024	6Diax12	---	14	28.28	59	4673	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * 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)
- 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.

8492
Dr. M. Yousaf

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 (Bracing Beam Block-I Grid D; Lift Up to Bracing Beam Level)

Our Ref. No. CL/CED/ 6928

Dated: 1/1/2025

Test Specification

Your Ref. No. NVEC/RE/PAKMINT/2024/65

Dated: 15/12/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 23/12/2024 Tested on: 1/1/2025 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	Beam Block-I Grid D (4000 Psi)	16	11	2024	6Diax12	---	14	28.28	82	6495	---	Non Engraved
2	Beam Block-I Grid D (4000 Psi)	16	11	2024	6Diax12	---	13	28.28	62	4911	---	Non Engraved
3	Beam Block-I Grid D (4000 Psi)	16	11	2024	6Diax12	---	13.8	28.28	69	5465	---	Non Engraved
4	Lift up to Beam Level (5000 Psi)	16	11	2024	6Diax12	---	14	28.28	85	6733	---	Non Engraved
5	Lift up to Beam Level (5000 Psi)	16	11	2024	6Diax12	---	13.4	28.28	67	5307	---	Non Engraved
6	Lift up to Beam Level (5000 Psi)	16	11	2024	6Diax12	---	13.4	28.28	82	6495	---	Non Engraved
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-reports/>

- * 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.

8517
 Dr. M. Yousaf

To: Mr. Zaheer Abbas
 Lab Incharge, PAKMIX Ready Mix Concrete, Rohi Nala, Lahore

Project: Rana Associates- 391 D, Park View DHA Phase-8 Lahore

Our Ref. No. CL/CED/ 6929

Dated: 1/1/2025

Test Specification

Your Ref. No. Nil

Dated: 27/12/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27/12/2024 **Tested on:** 1/1/2025 **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	(3000 Psi)	14	11	2024	6Diax12	---	13	28.28	48	3802	---	Non Engraved
2	(3000 Psi)	14	11	2024	6Diax12	---	13	28.28	34	2693	---	Non Engraved
3	(3000 Psi)	14	11	2024	6Diax12	---	13	28.28	50	3960	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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