



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.

9756
 Dr. Umbreen

To: Engr. Abdullah
 P & C Engineer, Ittefaq Building Solutions Pvt Ltd

Project: AM International, Raiwind Road, Lahore.

Our Ref. No. CL/CED/ 8859

Dated: 10/07/2025

Test Specification

Your Ref. No. Nil

Dated: 07/07/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 07/07/2025 Tested on: 10/07/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	GF Slab (3000 Psi)	1	7	2025	6Diax12	---	13.8	28.28	34	2693	---	Non Engraved
2	GF Slab (3000 Psi)	1	7	2025	6Diax12	---	14.6	28.28	36	2851	---	Non Engraved
3	GF Slab (3000 Psi)	1	7	2025	6Diax12	---	13.4	28.28	28	2218	---	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



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Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

9767
 Dr. Umbreen

To: Mr. Nouman Anwer
 Supply Chain Manager, ZAREA Limited

Project: Construction of House #103 Fazil Road Lahore Cantt

Our Ref. No. CL/CED/ 8860

Dated: 10/07/2025

Test Specification

Your Ref. No. Fazal/103/07/266

Dated: 07/07/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 09/07/2025 **Tested on:** 10/07/2025 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	Building Footing (4000 Psi)	23	5	2025	6Diax12	---	13.8	28.28	62	4911	---	Non Engraved
2	Building Footing (4000 Psi)	23	5	2025	6Diax12	---	14	28.28	62	4911	---	Non Engraved
3	Building Footing (4000 Psi)	23	5	2025	6Diax12	---	13.4	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * 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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ORIGINAL
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9767
 Dr. Umbreen

To: Mr. Nouman Anwer
 Supply Chain Manager, ZAREA Limited

Project: Construction of House #103 Fazil Road Lahore Cantt

Our Ref. No. CL/CED/ 8861

Dated: 10/07/2025

Test Specification

Your Ref. No. Fazal/103/07/267

Dated: 07/07/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 09/07/2025 Tested on: 10/07/2025 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	Building Footing (3000 Psi)	21	5	2025	6Diax12	---	13.4	28.28	68	5386	---	Non Engraved
2	Building Footing (3000 Psi)	21	5	2025	6Diax12	---	13.8	28.28	50	3960	---	Non Engraved
3	Building Footing (3000 Psi)	21	5	2025	6Diax12	---	13.6	28.28	62	4911	---	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
- **** 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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Director/Dy. Director Concrete Laboratory



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9752
 Dr. Umbreen

To: Mr. Ali Zahid Latif
 Principal Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.) (Data Ganj Bakhsh) Lahore

Our Ref. No. CL/CED/ 8862

Dated: 10/07/2025

Test Specification

Your Ref. No. 4580/13/AZL/01/051

Dated: 24/6/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 07/07/2025 Tested on: 10/07/2025 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	Slab (at 44 ft)- Class 'C' 4000 Psi	17	6	2025	6Diax12	---	14	28.28	66	5228	---	Non Engraved
2	Slab (at 44 ft)- Class 'C' 4000 Psi	17	6	2025	6Diax12	---	13.2	28.28	64	5069	---	Non Engraved
3	Slab (at 44 ft)- Class 'C' 4000 Psi	17	6	2025	6Diax12	---	13.8	28.28	68	5386	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * 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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 Dr. Umbreen

To: Mr. Ali Zahid Latif
 Principal Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.) (Data Ganj Bakhsh) Lahore

Our Ref. No. CL/CED/ 8863

Dated: 10/07/2025

Test Specification

Your Ref. No. 4580/13/AZL/01/052

Dated: 26/6/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 07/07/2025 Tested on: 10/07/2025 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	Col (above 30 ft)- Class 'C' 4000 Psi	26	5	2025	6Diax12	---	13.2	28.28	48	3802	---	Non Engraved
2	Col (above 30 ft)- Class 'C' 4000 Psi	26	5	2025	6Diax12	---	13.6	28.28	56	4436	---	Non Engraved
3	Col (above 30 ft)- Class 'C' 4000 Psi	26	5	2025	6Diax12	---	13.2	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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9752
 Dr. Umbreen

To: Mr. Ali Zahid Latif
 Principal Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.) (Data Ganj Bakhsh) Lahore

Our Ref. No. CL/CED/ 8864

Dated: 10/07/2025

Test Specification

Your Ref. No. 4580/13/AZL/01/050

Dated: 26/6/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 07/07/2025 **Tested on:** 10/07/2025 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	Slab (at 30 ft)- Class 'C' 4000 Psi	23	5	2025	6Diax12	---	13	28.28	72	5703	---	Non Engraved
2	Slab (at 30 ft)- Class 'C' 4000 Psi	23	5	2025	6Diax12	---	14	28.28	66	5228	---	Non Engraved
3	Slab (at 30 ft)- Class 'C' 4000 Psi	23	5	2025	6Diax12	---	13	28.28	52	4119	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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9739
 Dr. Umbreen

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/ 8865

Dated: 10/07/2025

Test Specification

Your Ref. No. 4792/13/RK/05/75

Dated: 30/6/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 03/07/2025 Tested on: 10/07/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	4000 Psi	3	6	2025	6Diax12	---	13.8	28.28	74	5861	---	Non Engraved
2	4000 Psi	3	6	2025	6Diax12	---	14	28.28	76	6020	---	Non Engraved
3	4000 Psi	3	6	2025	6Diax12	---	14	28.28	78	6178	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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Director/Dy. Director Concrete Laboratory



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

9744
 Dr. M. Yousaf

To: Sub Divisional Officer
 Bhalwal Canal Sub Division, At Sargodha

Project: Concrete Lining of Rattokala Disty From RD 40+000 TO 71+500 and RD 79+500 TO 82+066 TAIL.

Our Ref. No. CL/CED/ 8866

Dated: 10/07/2025

Test Specification

Your Ref. No. No. 1095

Dated: 24/6/2025

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 03/07/2025 **Tested on:** 10/07/2025 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	Machine Made Three Line	---	---	---	8.9 x 4.2 x 2.9	---	3050	37.38	47	2816	---	---
2	Machine Made Three Line	---	---	---	8.9 x 4.2 x 2.9	---	2940	37.38	47	2816	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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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)
- 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.

9744
 Dr. M. Yousaf

To: Sub Divisional Officer
 Bhalwal Canal Sub Division, At Sargodha

Project: Concrete Lining of Rattokala Disty From RD 40+000 TO 71+500 & RD 79+500 TO 82+066 TAIL

Our Ref. No. CL/CED/ 8867

Dated: 10/07/2025

Test Specification

Your Ref. No. No. 1100

Dated: 28/6/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 03/07/2025 **Tested on:** 10/07/2025 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	79+500 to 80+000 Mix Ratio (1:2:4)	29	5	2025	6x6x6	---	8.6	36	66	4107	---	Non Engraved
2	79+500 to 80+000 Mix Ratio (1:2:4)	29	5	2025	6x6x6	---	8.4	36	65	4044	---	Non Engraved
3	79+500 to 80+000 Mix Ratio (1:2:4)	29	5	2025	6x6x6	---	8.6	36	74	4604	---	Non Engraved
4	80+000 to 81+000 Mix Ratio (1:2:4)	26	5	2025	6x6x6	---	8.4	36	71	4418	---	Non Engraved
5	80+000 to 81+000 Mix Ratio (1:2:4)	26	5	2025	6x6x6	---	8.4	36	68	4231	---	Non Engraved
6	80+000 to 81+000 Mix Ratio (1:2:4)	26	5	2025	6x6x6	---	8.6	36	62	3858	---	Non Engraved
7	81+000 to 82+066 Mix Ratio (1:2:4)	23	5	2025	6x6x6	---	8.4	36	69	4293	---	Non Engraved
8	81+000 to 82+066 Mix Ratio (1:2:4)	23	5	2025	6x6x6	---	8.4	36	80	4978	---	Non Engraved
9	81+000 to 82+066 Mix Ratio (1:2:4)	23	5	2025	6x6x6	---	8.2	36	68	4231	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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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.

9635
 Dr. Umbreen

To: Mr. Umer Shakar, Head of Department (HOD)
 Procurement Branch, Etihad Town Pvt Ltd

Project: Nil

Our Ref. No. CL/CED/ 8868

Dated: 10/07/2025

Test Specification

Your Ref. No. Nil

Dated: 11/06/2025

(BS 3921)**

COMPRESSION TEST REPORT



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

Specimens received on: 19/6/2025 **Tested on:** 10/07/2025 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	27	---	---	---	9 x 4.3 x 3.2	3975	3470	38.7	29	1679	14.55	---
2	27	---	---	---	9 x 4.3 x 3	3805	3360	38.7	40	2315	13.24	---
3	27	---	---	---	8.8 x 4.3 x 3	3835	3380	37.84	30	1776	13.46	---
4	27	---	---	---	9.1 x 4.5 x 3	3815	3390	40.95	24	1313	12.54	---
5	27	---	---	---	9 x 4.4 x 3	3835	3415	39.6	35	1980	12.3	---
6	38	---	---	---	8.8 x 4.3 x 3	3545	3060	37.84	36	2131	15.85	---
7	38	---	---	---	8.9 x 4.2 x 2.9	3580	3115	37.38	36	2157	14.93	---
8	38	---	---	---	8.9 x 4.3 x 3	3600	3130	38.27	35	2049	15.02	---
9	38	---	---	---	8.8 x 4.3 x 3	3595	3170	37.84	37	2190	13.41	---
10	38	---	---	---	8.8 x 4.3 x 3	3580	3145	37.84	34	2013	13.83	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
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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.

9681
Dr. Umbreen

To: Engr. Muhammad Usman
Assistant Engineer, University of Engineering and Technology Lahore

Project: Renovation / Upgradation of Washrooms Block Iqbal Hall Main Campus

Our Ref. No. CL/CED/ 8869

Dated: 10/07/2025

Test Specification

Your Ref. No. Univ/LHR/UET/AEN/004

Dated: 20/6/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 25/6/2025 Tested on: 10/07/2025 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	G2	---	---	---	8.5 x 4.2 x 3	3605	3310	35.7	36	2259	8.91	---
2	G2	---	---	---	8.6 x 4.2 x 3	3640	3305	36.12	34	2109	10.14	---
3	G2	---	---	---	8.7 x 4.2 x 3	3685	3220	36.54	35	2146	14.44	---
4	G2	---	---	---	8.5 x 4 x 2.8	3500	3105	34	33	2174	12.72	---
5	G2	---	---	---	8.5 x 4.1 x 3	3770	3335	34.85	35	2250	13.04	---
6	G2	---	---	---	8.6 x 4.2 x 3	3565	3210	36.12	34	2109	11.06	---
7	G2	---	---	---	8.4 x 4.2 x 3	3640	3230	35.28	34	2159	12.69	---
8	G2	---	---	---	8.5 x 4 x 3	3740	3335	34	35	2306	12.14	---
9	G2	---	---	---	8.5 x 4.3 x 3.2	3635	3200	36.55	34	2084	13.59	---
10	G2	---	---	---	8.7 x 4 x 3	3760	3395	34.8	35	2253	10.75	---
11	G2	---	---	---	8.8 x 4.3 x 3	3630	3215	37.84	36	2131	12.91	---
12	G2	---	---	---	8.5 x 4.1 x 3	3595	3205	34.85	35	2250	12.17	---
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"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
 A carbon copy for the report has been retained in the lab for record.

9716
 Dr. M. Yousaf

To: Sub Divisional Officer
 Building Sub Division, Hafizabad

Project: Program for Revamping of RHCS (Phase-II) 02 Nos RHCS Hafizabad (RHC Kassoki)

Our Ref. No. CL/CED/ 8870

Dated: 10/07/2025

Test Specification

Your Ref. No. 377/Hz

Dated: 18/5/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 01/07/2025 **Tested on:** 10/07/2025 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	Machine Made Tripple Line	---	---	---	8.6 x 4.2 x 2.8	---	2540	36.12	42	2605	---	---
2	Machine Made Tripple Line	---	---	---	8.7 x 4.2 x 2.8	---	2680	36.54	42	2575	---	---
3	Machine Made Tripple Line	---	---	---	8.8 x 4.2 x 2.7	---	2740	36.96	45	2727	---	---
4	Machine Made Tripple Line	---	---	---	8.7 x 4.2 x 2.8	---	2595	36.54	45	2759	---	---
5	Machine Made Tripple Line	---	---	---	8.6 x 4.2 x 2.8	---	2720	36.12	47	2915	---	---
6	Machine Made Tripple Line	---	---	---	8.6 x 4.2 x 2.7	---	2805	36.12	48	2977	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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

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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.

9633
 Dr. M. Yousaf

To: Resident Engineer (GB Zone)
 EPHE Division, NESPAK (Pvt) Ltd

Project: Improvement of Water Supply / Sewerage System UC-61 Gunj Buksh Zone, Lahore

Our Ref. No. CL/CED/ 8871

Dated: 10/07/2025

Test Specification

Your Ref. No. LDP/GB-WASA/43101-859

Dated: Nil

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 18/6/2025 **Tested on:** 10/07/2025 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, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2840	29.64	96	7255	---	---
2	Rectangular, Grey, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2945	29.64	107	8086	---	---
3	Rectangular, Grey, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2820	29.64	77	5819	---	---
4	Rectangular, Grey, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	3020	29.64	114	8615	---	---
5	Rectangular, Red, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2830	29.64	110	8313	---	---
6	Rectangular, Red, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2820	29.64	86	6499	---	---
7	Rectangular, Red, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	3110	29.64	104	7860	---	---
8	Rectangular, Red, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2750	29.64	98	7406	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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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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- 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.

9633
Dr. M. Yousaf

To: Resident Engineer (GB Zone)
EPHE Division, NESPAK (Pvt) Ltd

Project: Improvement of Water Supply / Sewerage System UC-61 Gunj Buksh Zone, Lahore (M/S Red bricks)

Our Ref. No. CL/CED/ 8872

Dated: 10/07/2025

Test Specification

Your Ref. No. LDP/GB-WASA/43101-577

Dated: Nil

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 18/6/2025 Tested on: 10/07/2025 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	1000	---	---	---	8.7 x 4.2 x 2.8	3200	2760	36.54	32	1962	15.94	---
2	1000	---	---	---	8.8 x 4.3 x 2.9	3255	2825	37.84	31	1835	15.22	---
3	1000	---	---	---	8.7 x 4.2 x 2.8	3175	2740	36.54	37	2268	15.88	---
4	1000	---	---	---	8.7 x 4.3 x 2.8	3325	2870	37.41	30	1796	15.85	---
5	1000	---	---	---	8.6 x 4.2 x 2.9	3230	2805	36.12	22	1364	15.15	---
6	1000	---	---	---	8.7 x 4.2 x 2.8	3205	2790	36.54	33	2023	14.87	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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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"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
 A carbon copy for the report has been retained in the lab for record.

9760
 Dr. M. Yousaf

To: **Mr. M. Sajid**
 MESOL Solar, The Professional Solar Powered Services, Samsani Road, Lahore

Project: Nil

Our Ref. No. CL/CED/ 8873

Dated: 10/07/2025

Test Specification

Your Ref. No. Nil

Dated: Nil

(----)

COMPRESSION TEST REPORT



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

Specimens received on: **08/07/2025** Tested on: **10/07/2025** 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, 80 mm	---	---	---	7.8 x 3.8 x 3	---	3825	29.64	73	5517	---	---
2	Rectangular, Grey, 80 mm	---	---	---	7.8 x 3.8 x 3	---	3775	29.64	72	5441	---	---
3	Rectangular, Grey, 80 mm	---	---	---	7.8 x 3.8 x 3	---	3655	29.64	54	4081	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
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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
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.

9769
Dr. Umbreen

To: Mr. Malik Abdul Khaliq
Malik & Company, Swami Nagar Road, Lahore

Project: Construction of HBL Dhanola Branch, Faisalabad

Our Ref. No. CL/CED/ 8874

Dated: 10/07/2025

Test Specification

Your Ref. No. Nil

Dated: Nil

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 10/07/2025 Tested on: 10/07/2025 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	Solid Block	---	---	---	12 x 6 x 8	---	22.4	72	106	3298	---	---
2	Solid Block	---	---	---	12 x 6 x 8	---	21.4	72	104	3236	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Malik Abdul Khaliq, CNIC # 35202-2516018-7

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



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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.

9609
 Dr. M. Yousaf

To: Material Specialist
 EPCM Consultants. NESPAK (Pvt) Ltd.

Project: WWTP/ICB/PICIIP-08A Sahiwal. (Location:1. Covered Treated Channel RD 1+680 To 1+740, RCC (Top Slab). 2. Covered Treated Channel RD 1+500 To 1+560, RCC (BED))

Our Ref. No. CL/CED/ 8875

Dated: 10/07/2025

Test Specification

Your Ref. No. 3976/11/MS/SWL/WWTP/01/1430

Dated: 13/06/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 16/06/2025 Tested on: 10/07/2025 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	---	17	4	2025	6Diax12	---	13.8	28.28	60	4752	---	Non Engraved
2	---	17	4	2025	6Diax12	---	13.6	28.28	60	4752	---	Non Engraved
3	---	17	4	2025	6Diax12	---	14	28.28	60	4752	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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