



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.

9490
Dr. M. Mazhar

To: M. Saleem Construction Company
Engineers & Contractors, Opposite Usman C.N.G, Lahore Road, Sheikhpura.

Project: Construction of Bridges at Garments Unit.

Our Ref. No. CL/CED/ 8445

Dated: 04/06/2025

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: 23/05/2025 Tested on: 04/06/2025 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Footing (1:1.5:3)	25	10	2024	6Diax12	---	13.8	28.28	80	6337	---	Non Engraved
2	Footing (1:1.5:3)	25	10	2024	6Diax12	---	13.6	28.28	70	5545	---	Non Engraved
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
- **** 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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Dr. M. Mazhar

To: M. Saleem Construction Company
Engineers & Contractors, Opposite Usman C.N.G, Lahore Road, Sheikhpura.

Project: Construction of Bridges at Garments Unit.

Our Ref. No. CL/CED/ 8446

Dated: 04/06/2025

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: 23/05/2025 Tested on: 04/06/2025 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 (1:1.5:3)	8	2	2025	6Diax12	---	13.6	28.28	62	4911	---	Non Engraved
2	Slab (1:1.5:3)	8	2	2025	6Diax12	---	13.6	28.28	83	6574	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
- **** 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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Director/Dy. Director Concrete Laboratory



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Dr. M. Mazhar

To: M. Saleem Construction Company
Engineers & Contractors, Opposite Usman C.N.G, Lahore Road, Sheikhpura.

Project: Construction of Bridges at Garments Unit.

Our Ref. No. CL/CED/ 8447

Dated: 04/06/2025

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: 23/05/2025 Tested on: 04/06/2025 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Column (1:1.5:3)	8	11	2024	6Diax12	---	13.4	28.28	55	4356	---	Non Engraved
2	Column (1:1.5:3)	8	11	2024	6Diax12	---	13.2	28.28	41	3248	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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9527

Dr. M. Mazhar

To: Minhas Construction Contractor
Faisal Hill, Taxila.

Project: HVAC PLANT ROOM

Our Ref. No. CL/CED/ 8448

Dated: 04/06/2025

Test Specification

Your Ref. No. MCC/CFL/025

Dated: 29/5/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 29/5/2025 Tested on: 04/06/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Columns (4000 Psi)	18	5	2025	6Diax12	---	13	28.28	38	3010	---	Non Engraved
2	Columns (4000 Psi)	18	5	2025	6Diax12	---	13.2	28.28	44	3485	---	Non Engraved
3	Columns (4000 Psi)	18	5	2025	6Diax12	---	13.4	28.28	40	3168	---	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/>

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Director/Dy. Director Concrete Laboratory



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ORIGINAL

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9559

Dr. M. Mazhar

To: Mr. Nouman Anwer
Supply Chain Manager Zarea Limited

Project: Construction of House #103 Fazil Road Lahore Cantt.

Our Ref. No. CL/CED/ 8449

Dated: 04/06/2025

Test Specification

Your Ref. No. Fazil/103/06/270

Dated: 02/06/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 03/06/2025 Tested on: 04/06/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Columns (4000 Psi)	28	4	2025	6Diax12	---	13.6	28.28	52	4119	---	Non Engraved
2	Columns (4000 Psi)	28	4	2025	6Diax12	---	13.2	28.28	50	3960	---	Non Engraved
3	Columns (4000 Psi)	28	4	2025	6Diax12	---	13.2	28.28	36	2851	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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9548
Dr. M. Mazhar

To: Project Manager
SUNSHINE HEALTH CARE Private Limited

Project: SUNSHINE MEDICAL TOWER SHAHDRA

Our Ref. No. CL/CED/ 8450

Dated: 04/06/2025

Test Specification

Your Ref. No. Nil

Dated: 30/5/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 30/5/2025 Tested on: 04/06/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Wall Water Dipped	4	5	2025	6Diax12	---	13.6	28.28	60	4752	---	Engraved
2	Wall Water Dipped	4	5	2025	6Diax12	---	14	28.28	77	6099	---	Engraved
3	Wall Field Curing	4	5	2025	6Diax12	---	14	28.28	83	6574	---	Engraved
4	Wall Field Curing	4	5	2025	6Diax12	---	13	28.28	95	7525	---	Engraved
5	Wall Water Dipped	10	5	2025	6Diax12	---	13.4	28.28	77	6099	---	Engraved
6	Wall Water Dipped	10	5	2025	6Diax12	---	13	28.28	85	6733	---	Engraved
7	Wall Field Curing	10	5	2025	6Diax12	---	13.6	28.28	100	7921	---	Engraved
8	Wall Field Curing	10	5	2025	6Diax12	---	13.4	28.28	81	6416	---	Engraved
9	Slab Water Dipped	23	5	2025	6Diax12	---	14	28.28	70	5545	---	Engraved
10	Slab Water Dipped	23	5	2025	6Diax12	---	13.8	28.28	58	4594	---	Engraved
11	Slab Field Curing	23	5	2025	6Diax12	---	14	28.28	79	6257	---	Engraved
12	Slab Field Curing	23	5	2025	6Diax12	---	14	28.28	64	5069	---	Engraved
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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9569

Dr. M. Mazhar

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/ 8451

Dated: 04/06/2025

Test Specification

Your Ref. No. No. 1043

Dated: 26/5/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 03/05/2025 Tested on: 04/06/2025 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	70+000 to 71+500 (1:2:4)	19	5	2025	6x6x6	---	8	36	101	6284	---	Non Engraved
2	70+000 to 71+500 (1:2:4)	19	5	2025	6x6x6	---	8.2	36	95	5911	---	Non Engraved
3	70+000 to 71+500 (1:2:4)	19	5	2025	6x6x6	---	8	36	90	5600	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Dr. M. Mazhar

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/ 8452

Dated: 04/06/2025

Test Specification

Your Ref. No. No. 1038

Dated: 26/5/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 03/05/2025 Tested on: 04/06/2025 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	67+000 to 68+000 (1:2:4)	4	5	2025	6x6x6	---	8	36	68	4231	---	Non Engraved
2	67+000 to 68+000 (1:2:4)	4	5	2025	6x6x6	---	8	36	76	4729	---	Non Engraved
3	67+000 to 68+000 (1:2:4)	4	5	2025	6x6x6	---	8	36	64	3982	---	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
- **** 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.

9569

Dr. M. Mazhar

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/ 8453

Dated: 04/06/2025

Test Specification

Your Ref. No. No. 1042

Dated: 26/5/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 03/05/2025 Tested on: 04/06/2025 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	69+000 to 70+000 (1:2:4)	17	5	2025	6x6x6	---	8	36	109	6782	---	Non Engraved
2	69+000 to 70+000 (1:2:4)	17	5	2025	6x6x6	---	8	36	93	5787	---	Non Engraved
3	69+000 to 70+000 (1:2:4)	17	5	2025	6x6x6	---	7.8	36	87	5413	---	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
- **** 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.

9569
Dr. M. Mazhar

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/ 8454

Dated: 04/06/2025

Test Specification

Your Ref. No. No. 1040

Dated: 26/5/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 03/05/2025 Tested on: 04/06/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	68+000 to 69+000 (1:2:4)	13	5	2025	6x6x6	---	8.2	36	105	6533	---	Non Engraved
2	68+000 to 69+000 (1:2:4)	13	5	2025	6x6x6	---	8.2	36	79	4916	---	Non Engraved
3	68+000 to 69+000 (1:2:4)	13	5	2025	6x6x6	---	9	36	50	3111	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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.

9569
Dr. M. Mazhar

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/ 8455

Dated: 04/06/2025

Test Specification

Your Ref. No. No. 1037

Dated: 26/5/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 03/05/2025 Tested on: 04/06/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	66+500 to 67+000 (1:2:4)	26	4	2025	6x6x6	---	8	36	68	4231	---	Non Engraved
2	66+500 to 67+000 (1:2:4)	26	4	2025	6x6x6	---	8	36	107	6658	---	Non Engraved
3	66+500 to 67+000 (1:2:4)	26	4	2025	6x6x6	---	8	36	91	5662	---	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
- **** ACI318-08 requires mean of two sample (6"x12" 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.

9529
Dr. M. Mazhar

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

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

Our Ref. No. CL/CED/ 8456

Dated: 04/06/2025

Test Specification

Your Ref. No. 3844/311/RE/139

Dated: 27/5/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 29/5/2025 Tested on: 04/06/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	A 18	30	4	2025	6Diax12	---	13.6	28.28	54	4277	---	Non Engraved
2	A 18	30	4	2025	6Diax12	---	13.6	28.28	52	4119	---	Non Engraved
3	A 18	30	4	2025	6Diax12	---	13.4	28.28	60	4752	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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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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.

9536
Dr. M. Mazhar

To: Assistant Executive Engineer
Central Civil Division No. 1, PAK PWD, Lahore

Project: Construction of Hajj Complex, Lahore (SH: Training Auditorium)

Our Ref. No. CL/CED/ 8457

Dated: 04/06/2025

Test Specification

Your Ref. No. AEE/CCD-I/LHR/238

Dated: 15/7/2024

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 29/5/2025 Tested on: 04/06/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	RCC Column G/F	14	6	2024	6x6x6	---	8.6	36	52	3236	---	Non Engraved
2	RCC Column G/F	14	6	2024	6x6x6	---	8.4	36	70	4356	---	Non Engraved
3	RCC Column G/F	14	6	2024	6x6x6	---	8	36	75	4667	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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"x12" 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.

9536
Dr. M. Mazhar

To: Assistant Executive Engineer
Central Civil Division No. 1, PAK PWD, Lahore

Project: Construction of Hajj Complex, Lahore (SH: Training Auditorium)

Our Ref. No. CL/CED/ 8458

Dated: 04/06/2025

Test Specification

Your Ref. No. AEE/CCD-I/LHR/246

Dated: 24/7/2024

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 29/5/2025 Tested on: 04/06/2025 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	RCC Slab G/F	23	6	2024	6x6x6	---	9	36	95	5911	---	Non Engraved
2	RCC Slab G/F	23	6	2024	6x6x6	---	8.8	36	68	4231	---	Non Engraved
3	RCC Slab G/F	23	6	2024	6x6x6	---	8.8	36	84	5227	---	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

- 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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9536
Dr. M. Mazhar

To: Assistant Executive Engineer
Central Civil Division No. 1, PAK PWD, Lahore

Project: Construction of Hajj Complex, Lahore (SH: Training Auditorium)

Our Ref. No. CL/CED/ 8459

Dated: 04/06/2025

Test Specification

Your Ref. No. AEE/CCD-I/LHR/246

Dated: 24/7/2024

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 29/5/2025 Tested on: 04/06/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	RCC Column F/F	23	6	2024	6x6x6	---	8.8	36	83	5164	---	Non Engraved
2	RCC Column F/F	23	6	2024	6x6x6	---	8	36	52	3236	---	Non Engraved
3	RCC Column F/F	23	6	2024	6x6x6	---	8.8	36	60	3733	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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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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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9536
 Dr. M. Mazhar

To: Assistant Executive Engineer
 Central Civil Division No. 1, PAK PWD, Lahore

Project: Construction of Hajj Complex, Lahore (SH: Training Auditorium)

Our Ref. No. CL/CED/ 8460

Dated: 04/06/2025

Test Specification

Your Ref. No. AEE/CCD-I/LHR/246

Dated: 24/7/2024

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 29/5/2025 Tested on: 04/06/2025 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	RCC Footing	23	6	2024	6x6x6	---	9	36	72	4480	---	Non Engraved
2	RCC Footing	23	6	2024	6x6x6	---	8.4	36	76	4729	---	Non Engraved
3	RCC Footing	23	6	2024	6x6x6	---	8.6	36	81	5040	---	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"x12" 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.

9536
Dr. M. Mazhar

To: Assistant Executive Engineer
Central Civil Division No. 1, PAK PWD, Lahore

Project: Construction of Hajj Complex, Lahore (SH: Training Auditorium)

Our Ref. No. CL/CED/ 8461

Dated: 04/06/2025

Test Specification

Your Ref. No. AEE/CCD-I/LHR/246

Dated: 24/7/2024

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 29/5/2025 Tested on: 04/06/2025 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	RCC Slab F/F	21	6	2024	6x6x6	---	9	36	105	6533	---	Non Engraved
2	RCC Slab F/F	21	6	2024	6x6x6	---	8.8	36	83	5164	---	Non Engraved
3	RCC Slab F/F	21	6	2024	6x6x6	---	9	36	66	4107	---	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
- **** ACI318-08 requires mean of two sample (6"x12" 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.

9536
Dr. M. Mazhar

To: Assistant Executive Engineer
Central Civil Division No. 1, PAK PWD, Lahore

Project: Construction of Hajj Complex, Lahore (SH: Training Auditorium)

Our Ref. No. CL/CED/ 8462

Dated: 04/06/2025

Test Specification

Your Ref. No. AEE/CCD-I/LHR/246

Dated: 24/7/2024

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 29/5/2025 Tested on: 04/06/2025 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	RCC Column in Foundation	21	6	2024	6x6x6	---	9	36	77	4791	---	Non Engraved
2	RCC Column in Foundation	21	6	2024	6x6x6	---	8.8	36	83	5164	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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"x12" 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.

9576

Dr. M. Mazhar

To: Mr. Abid Hussain
Quality Control Engineer, MODELO DEVELOPERS (PVT) LTD

Project: 44-A Lahore Cantt.

Our Ref. No. CL/CED/ 8463

Your Ref. No. Nil

Dated: 04/06/2025

Dated: 04/06/2025

Test Specification

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 04/06/2025 Tested on: 04/06/2025 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Basement Raft Conc. (3000 Psi)	27	5	2025	6x6x6	---	8.2	36	64	3982	---	Non Engraved
2	Basement Raft Conc. (3000 Psi)	27	5	2025	6x6x6	---	8.2	36	66	4107	---	Non Engraved
3	Basement Raft Conc. (3000 Psi)	27	5	2025	6x6x6	---	8.2	36	62	3858	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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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.

9566
Dr. M. Mazhar

To: Radiant Construction Technologies LLP
Sustainable Solutions

Project: Nil

Our Ref. No. CL/CED/ 8464

Dated: 04/06/2025

Test Specification

Your Ref. No. Nil

Dated: 03/06/2025

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 03/06/2025 Tested on: 04/06/2025 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	ConTile Grout	26	5	2024	2x2x2	---	230	4	5	2800	---	Non Engraved
2	ConTile Grout	26	5	2024	2x2x2	---	235	4	4.5	2520	---	Non Engraved
3	ConTile Grout	26	5	2024	2x2x2	---	230	4	4	2240	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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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.

9560
Dr. Qasim Khan

To: ENGR. NADEEM MAHMOOD
CIVIL & URBAN ENGINEERS, 475-G, Johar Town, Opp. Lacas School, Lahore.

Project: Fast Developers International (FDI) at FIEMDC, Faisalabad.

Our Ref. No. CL/CED/ 8465

Dated: 04/06/2025

Test Specification

Your Ref. No. Nil

Dated: 02/06/2025

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 03/06/2025 Tested on: 04/06/2025 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Rectangular, Grey, 60mm	---	---	---	7.8x3.8x2.3	---	2715	29.64	105	7935	---	Power Pack
2	Rectangular, Grey, 60mm	---	---	---	7.8x3.8x2.3	---	2620	29.64	112	8464	---	Power Pack
3	Rectangular, Grey, 60mm	---	---	---	7.8x3.8x2.4	---	2815	29.64	102	7709	---	Rehman
4	Rectangular, Grey, 60mm	---	---	---	7.8x3.8x2.4	---	2720	29.64	101	7633	---	Rehman
5	Rectangular, Grey, 60mm	---	---	---	7.8x3.8x2.4	---	2880	29.64	102	7709	---	Punjab Prisons
6	Rectangular, Grey, 60mm	---	---	---	7.8x3.8x2.4	---	2770	29.64	110	8313	---	Punjab Prisons
7	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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Director/Dy. Director Concrete Laboratory