



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.

9852
 Dr. Umbreen

To: IK Associates
 Phase 8, DHA, Karachi.

Project: Construction of Habib Metropolitan Bank Faisalabad City.

Our Ref. No. CL/CED/ 8983

Dated: 25/07/2025

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 24/07/2025 **Tested on:** 25/07/2025 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	5th Floor Slab (1:2:4)	11	7	2025	6Diax12	---	13	28.28	20	1584	---	Non Engraved
2	5th Floor Slab (1:2:4)	11	7	2025	6Diax12	---	13	28.28	18	1426	---	Non Engraved
3	5th Floor Slab (1:2:4)	11	7	2025	6Diax12	---	13	28.28	26	2059	---	Non Engraved
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Witnessed by: Nil

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
 1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
 2.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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9826
 Engr. A. Rehman

To: Mr. Saad Bin Fareed
 Project In-Charge, Opal Advertising and Interior

Project: Construction works of the Allied Bank Limited (ABL) Project in Sheikhpura.

Our Ref. No. CL/CED/ 8984

Dated: 25/7/2025

Test Specification

Your Ref. No. ABL/SHK/CC/001

Dated: 18/7/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 18/7/2025 Tested on: 25/7/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Raft	9	7	2025	6Diax12	---	13.2	28.28	62	4911	---	Engraved
2	Raft	9	7	2025	6Diax12	---	13.2	28.28	64	5069	---	Engraved
3	Raft	9	7	2025	6Diax12	---	13	28.28	66	5228	---	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.

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Director/Dy. Director Concrete Laboratory



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9826
 Engr. A. Rehman

To: Mr. Saad Bin Fareed
 Project In-Charge, Opal Advertising and Interior

Project: Construction works of the Allied Bank Limited (ABL) Project in Sheikhpura.

Our Ref. No. CL/CED/ 8985

Dated: 25/7/2025

Test Specification

Your Ref. No. ABL/SHK/CC/002

Dated: 18/7/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 18/7/2025 Tested on: 25/7/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Raft	11	7	2025	6Diax12	---	13.2	28.28	50	3960	---	Engraved
2	Raft	11	7	2025	6Diax12	---	13	28.28	55	4356	---	Engraved
3	Raft	11	7	2025	6Diax12	---	13.2	28.28	70	5545	---	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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9851
 Engr. A. Rehman

To: Engr. Zohaib Abbas, Engineer Projects, Ittefaq Construction Associates
 RE. Shahid Sb, Project Management Consultant, Hike Engineering Consultants

Project: Construction of Diagnostic Center for Mr. Manzoor A. Bhatti at R1 Block Johar Town Lahore

Our Ref. No. CL/CED/ 8986

Dated: 25/7/2025

Test Specification

Your Ref. No. Nil

Dated: 24/7/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 24/7/2025 **Tested on:** 25/7/2025 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	Retaining Wall (4000 Psi)	4	6	2025	6Diax12	---	13.2	28.28	46	3644	---	Non Engraved
2	Retaining Wall (4000 Psi)	4	6	2025	6Diax12	---	13.2	28.28	45	3564	---	Non Engraved
3	Retaining Wall (4000 Psi)	4	6	2025	6Diax12	---	13	28.28	48	3802	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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 Engr. A. Rehman

To: Engr. Zohaib Abbas, Engineer Projects, Ittefaq Construction Associates
 RE. Shahid Sb, Project Management Consultant, Hike Engineering Consultants

Project: Construction of Diagnostic Center for Mr. Manzoor A. Bhatti at R1 Block Johar Town Lahore

Our Ref. No. CL/CED/ 8987

Dated: 25/7/2025

Test Specification

Your Ref. No. Nil

Dated: 24/7/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 24/7/2025 **Tested on:** 25/7/2025 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	Footing (4000 Psi)	23	6	2025	6Diax12	---	13	28.28	42	3327	---	Non Engraved
2	Footing (4000 Psi)	23	6	2025	6Diax12	---	13	28.28	44	3485	---	Non Engraved
3	Footing (4000 Psi)	23	6	2025	6Diax12	---	13	28.28	44	3485	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

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 Engr. A. Rehman

To: Engr. Zohaib Abbas, Engineer Projects, Ittefaq Construction Associates
 RE. Shahid Sb, Project Management Consultant, Hike Engineering Consultants

Project: Construction of Diagnostic Center for Mr. Manzoor A. Bhatti at R1 Block Johar Town Lahore

Our Ref. No. CL/CED/ 8988

Dated: 25/7/2025

Test Specification

Your Ref. No. Nil

Dated: 24/7/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 24/7/2025 **Tested on:** 25/7/2025 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., Shear, Wall, Lift Wall(4500 Psi)	1	7	2025	6Diax12	---	13.2	28.28	35	2772	---	Non Engraved
2	Col., Shear, Wall, Lift Wall(4500 Psi)	1	7	2025	6Diax12	---	13.2	28.28	50	3960	---	Non Engraved
3	Col., Shear, Wall, Lift Wall(4500 Psi)	1	7	2025	6Diax12	---	13	28.28	43	3406	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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 Engr. A. Rehman

To: Engr. Zohaib Abbas, Engineer Projects, Ittefaq Construction Associates
 RE. Shahid Sb, Project Management Consultant, Hike Engineering Consultants

Project: Construction of Diagnostic Center for Mr. Manzoor A. Bhatti at R1 Block Johar Town Lahore

Our Ref. No. CL/CED/ 8989

Dated: 25/7/2025

Test Specification

Your Ref. No. Nil

Dated: 24/7/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 24/7/2025 Tested on: 25/7/2025 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	Retaining Wall (4000 Psi)	28	5	2025	6Diax12	---	13	28.28	53	4198	---	Non Engraved
2	Retaining Wall (4000 Psi)	28	5	2025	6Diax12	---	13.6	28.28	52	4119	---	Non Engraved
3	Retaining Wall (4000 Psi)	28	5	2025	6Diax12	---	13.8	28.28	57	4515	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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 Engr. A. Rehman

To: Engr. Zohaib Abbas, Engineer Projects, Ittefaq Construction Associates
 RE. Shahid Sb, Project Management Consultant, Hike Engineering Consultants

Project: Construction of Diagnostic Center for Mr. Manzoor A. Bhatti at R1 Block Johar Town Lahore

Our Ref. No. CL/CED/ 8990

Dated: 25/7/2025

Test Specification

Your Ref. No. Nil

Dated: 24/7/2025

(ASTM C39)

COMPRESSION TEST REPORT



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Specimens received on: 24/7/2025 **Tested on:** 25/7/2025 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	Footings (4000 Psi)	30	5	2025	6Diax12	---	13.2	28.28	80	6337	---	Non Engraved
2	Footings (4000 Psi)	30	5	2025	6Diax12	---	13.2	28.28	52	4119	---	Non Engraved
3	Footings (4000 Psi)	30	5	2025	6Diax12	---	13.2	28.28	58	4594	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

9851
 Engr. A. Rehman

To: Engr. Zohaib Abbas, Engineer Projects, Ittefaq Construction Associates
 RE. Shahid Sb, Project Management Consultant, Hike Engineering Consultants

Project: Construction of Diagnostic Center for Mr. Manzoor A. Bhatti at R1 Block Johar Town Lahore

Our Ref. No. CL/CED/ 8991

Dated: 25/7/2025

Test Specification

Your Ref. No. Nil

Dated: 24/7/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 24/7/2025 **Tested on:** 25/7/2025 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	Retaining Wall (4000 Psi)	2	6	2025	6Diax12	---	13.6	28.28	81	6416	---	Non Engraved
2	Retaining Wall (4000 Psi)	2	6	2025	6Diax12	---	13.8	28.28	50	3960	---	Non Engraved
3	Retaining Wall (4000 Psi)	2	6	2025	6Diax12	---	13	28.28	56	4436	---	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

- 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.

9768
 Engr. A. Rehman

To: Sub Divisional Officer
 Highways Sub Division, Narowal

Project: Restoration / Improvement of Road from Adda Qila Kalarwala (Narowal- Muridke Road) to Baddomallhi Toll Plaza (New Lahore Road) (Length = 18.50 KM) in District Narowal

Our Ref. No. CL/CED/ 8992

Dated: 25/7/2025

Test Specification

Your Ref. No. No. 129/NL

Dated: 08/07/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 09/07/2025 Tested on: 25/7/2025 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	Machine Made Double Line	---	---	---	8.8 x 4.1 x 2.8	3105	2610	36.08	24.25	1506	18.97	---
2	Machine Made Double Line	---	---	---	8.7 x 4.1 x 2.6	2960	2545	35.67	27	1696	16.31	---
3	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.8	3175	2665	36.96	30.5	1848	19.14	---
4	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.7	3055	2530	36.96	32	1939	20.75	---
5	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.7	3085	2520	36.96	16.5	1000	22.42	---
6	Machine Made Double Line	---	---	---	8.7 x 4.1 x 2.7	3030	2515	35.67	20.5	1287	20.48	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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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ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

9768
 Engr. A. Rehman

To: Sub Divisional Officer
 Highways Sub Division, Narowal

Project: Rehabilitation / Improvement of Road from Village Maloke to Village Dhaala, Total Length = 4.10 KM, (Taken Up Length = 0.90 KM) in District Narowal.

Our Ref. No. CL/CED/ 8993

Dated: 25/7/2025

Test Specification

Your Ref. No. No. 123/NL

Dated: 08/07/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 09/07/2025 Tested on: 25/7/2025 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 Double Line	---	---	---	8.5 x 4.2 x 2.6	2760	2405	35.7	31.5	1976	14.76	---
2	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.8	3120	2640	36.96	29	1758	18.18	---
3	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.8	3110	2615	36.96	24.5	1485	18.93	---
4	Machine Made Double Line	---	---	---	8.7 x 4.1 x 2.7	3050	2585	35.67	35	2198	17.99	---
5	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.8	3010	2505	36.96	28.5	1727	20.16	---
6	Machine Made Double Line	---	---	---	8.8 x 4 x 2.8	3035	2520	35.2	26	1655	20.44	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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
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9768
 Engr. A. Rehman

To: Sub Divisional Officer
 Highways Sub Division, Narowal

Project: Construction / Reconstruction of Road from Kandhala to Kotli Via Jaspal (Length = 2.30 KM) in District Narowal

Our Ref. No. CL/CED/ 8994

Dated: 25/7/2025

Test Specification

Your Ref. No. No. 119/NL

Dated: 08/07/2025

(BS 3921)**

COMPRESSION TEST REPORT



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

Specimens received on: 09/07/2025 Tested on: 25/7/2025 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	Machine Made Double Line	---	---	---	8.7 x 4.1 x 2.7	3060	2535	35.67	29.25	1837	20.71	---
2	Machine Made Double Line	---	---	---	8.5 x 4.1 x 2.8	2975	2485	34.85	32.5	2089	19.72	---
3	Machine Made Double Line	---	---	---	8.7 x 4 x 2.7	2990	2495	34.8	23.75	1529	19.84	---
4	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.7	3010	2515	36.54	26	1594	19.68	---
5	Machine Made Double Line	---	---	---	8.8 x 4.1 x 2.7	3080	2545	36.08	19.5	1211	21.02	---
6	Machine Made Double Line	---	---	---	8.5 x 4.2 x 2.8	3030	2465	35.7	26	1631	22.92	---
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Witnessed by:

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

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

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

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

Director/Dy. Director Concrete Laboratory



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.

9768
 Engr. A. Rehman

To: Sub Divisional Officer
 Highways Sub Division, Narowal

Project: Construction of Road from Police Line to Chak Safdhar via Takia Plot (Length = 1.40 KM) in District Narowal

Our Ref. No. CL/CED/ 8995

Dated: 25/7/2025

Test Specification

Your Ref. No. No. 117/NL

Dated: 08/07/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **09/07/2025** Tested on: **25/7/2025** 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 Double Line	---	---	---	8.8 x 4.1 x 2.7	3005	2525	36.08	22.5	1397	19.01	---
2	Machine Made Double Line	---	---	---	8.8 x 4.1 x 2.6	3050	2595	36.08	32.25	2002	17.53	---
3	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.7	3060	2575	36.96	27	1636	18.83	---
4	Machine Made Double Line	---	---	---	8.6 x 4.1 x 2.7	2990	2465	35.26	29.5	1874	21.3	---
5	Machine Made Double Line	---	---	---	8.6 x 4.1 x 2.8	3040	2530	35.26	26.25	1668	20.16	---
6	Machine Made Double Line	---	---	---	8.8 x 4.1 x 2.8	3100	2625	36.08	38.5	2390	18.1	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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.

9768
 Engr. A. Rehman

To: Sub Divisional Officer
 Highways Sub Division, Narowal

Project: Construction of Road from Burewali upto Link Road (Length = 2.00 KM) in District Narowal

Our Ref. No. CL/CED/ 8996

Dated: 25/7/2025

Test Specification

Your Ref. No. No. 121/NL

Dated: 08/07/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 09/07/2025 **Tested on:** 25/7/2025 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	Machine Made Double Line	---	---	---	8.9 x 4.1 x 2.9	3275	2780	36.49	27	1657	17.81	---
2	Machine Made Double Line	---	---	---	8.8 x 4.1 x 2.8	3250	2740	36.08	25.5	1583	18.61	---
3	Machine Made Double Line	---	---	---	8.6 x 4.1 x 2.9	3175	2650	35.26	26.75	1699	19.81	---
4	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.8	3165	2630	36.54	22.5	1379	20.34	---
5	Machine Made Double Line	---	---	---	8.7 x 4.1 x 2.8	3225	2730	35.67	28.5	1790	18.13	---
6	Machine Made Double Line	---	---	---	8.6 x 4.1 x 2.7	3120	2575	35.26	19	1207	21.17	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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.

9768
 Engr. A. Rehman

To: Sub Divisional Officer
 Highways Sub Division, Narowal

Project: Restoration / Improvement of Circular Road Narowal (Length = 7.00 KM) in District Narowal

Our Ref. No. CL/CED/ 8997

Dated: 25/7/2025

Test Specification

Your Ref. No. No. 132/NL

Dated: 08/07/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 09/07/2025 **Tested on:** 25/7/2025 **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 Double Line	---	---	---	8.8 x 4.1 x 2.8	3225	2680	36.08	19.5	1211	20.34	---
2	Machine Made Double Line	---	---	---	8.8 x 4.1 x 2.8	3180	2655	36.08	27	1676	19.77	---
3	Machine Made Double Line	---	---	---	8.8 x 4 x 2.8	3205	2690	35.2	32	2036	19.14	---
4	Machine Made Double Line	---	---	---	8.6 x 4.1 x 2.9	3175	2700	35.26	30	1906	17.59	---
5	Machine Made Double Line	---	---	---	8.8 x 4.1 x 2.9	3260	2765	36.08	33	2049	17.9	---
6	Machine Made Double Line	---	---	---	8.6 x 4.1 x 2.9	3145	2660	35.26	30.5	1938	18.23	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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.

9768
 Engr. A. Rehman

To: Sub Divisional Officer
 Highways Sub Division, Narowal

Project: Construction of Carpet Road from Narowal- Shakargarh Road to Kothay Khurd via Kothay Kalan including link to Kartarpur Corridor (Length = 6.10 KM) in District Narowal

Our Ref. No. CL/CED/ 8998

Dated: 25/7/2025

Test Specification

Your Ref. No. No. 125/NL

Dated: 08/07/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 09/07/2025 Tested on: 25/7/2025 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	Machine Made (ZK)	---	---	---	8.5 x 4.2 x 2.8	2935	2495	35.7	37	2322	17.64	---
2	Machine Made (ZK)	---	---	---	8.5 x 4.3 x 2.8	3160	2685	36.55	37.5	2298	17.69	---
3	Machine Made (ZK)	---	---	---	8.7 x 4.3 x 2.8	3060	2565	37.41	33.5	2006	19.3	---
4	Machine Made (ZK)	---	---	---	8.5 x 4.2 x 2.8	3040	2555	35.7	35	2196	18.98	---
5	Machine Made (ZK)	---	---	---	8.5 x 4.3 x 2.7	3035	2580	36.55	33	2022	17.64	---
6	Machine Made (ZK)	---	---	---	8.5 x 4.2 x 2.8	3100	2655	35.7	41.5	2604	16.76	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** AC1318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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.

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ORIGINAL
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9768
 Engr. A. Rehman

To: Sub Divisional Officer
 Highways Sub Division, Narowal

Project: Construction of Carpet Road from Narowal- Shakargarh Road to Village Dodhay & Panwan (Length = 2.10 KM) in District Narowal

Our Ref. No. CL/CED/ 8999

Dated: 25/7/2025

Test Specification

Your Ref. No. No. 127/NL

Dated: 08/07/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 09/07/2025 Tested on: 25/7/2025 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 (A.S)	---	---	---	8.4 x 4 x 2.7	3140	2615	33.6	29	1933	20.08	---
2	Machine Made (A.S)	---	---	---	8.7 x 4.3 x 2.7	3025	2515	37.41	25	1497	20.28	---
3	Machine Made (A.S)	---	---	---	8.5 x 4.2 x 2.8	3120	2605	35.7	32.75	2055	19.77	---
4	Machine Made (A.S)	---	---	---	8.5 x 4 x 2.9	3060	2565	34	35	2306	19.3	---
5	Machine Made (A.S)	---	---	---	8.7 x 4.2 x 2.9	3040	2545	36.54	27	1655	19.45	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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