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.

8933
Dr. M. Mazhar

To: Engr's. Qaiser Aziz
Site Engineer, OZ Developers Pvt. Ltd.

Project: Constructing a High Rise Building "Bahria Sky" at Bahria Orchard Phase 4, Lahore.

Our Ref. No. CL/CED/ 7412 **Dated: 18/02/2025** **Test Specification**

Your Ref. No. Nil **Dated: 18/02/2025** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 18/02/2025 Tested on: 18/02/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	---	7	2	2025	6Diax12	---	13.6	28.28	38	3010	---	Non Engraved
2	---	7	2	2025	6Diax12	---	14.6	28.28	36	2851	---	Non Engraved
3	---	7	2	2025	6Diax12	---	14.2	28.28	38	3010	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Qaiser Aziz CNIC # 36302-9254362-7 & Mr. Azhar Abbas CNIC # 32303-1163185-9

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compresssive 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
A carbon copy for the report has been retained in the lab for record.

8901
Dr. M. Yousaf

To: Admin Manager
Ahbab Housing Society (Pvt) Ltd, Johar Town, Lahore

Project: Construction of Plot No. 24 Block Q Shah Alam Road, Johar Town Lahore

Our Ref. No. CL/CED/ 7413 **Dated:** 18/02/2025 **Test Specification**

Your Ref. No. AHS/363-A/02/2025-By Hand **Dated:** 12/02/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 13/2/2025 **Tested on:** 18/02/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	4500 Psi	3	2	2025	6Diax12	---	14	28.28	38	3010	---	Non Engraved
2	4500 Psi	3	2	2025	6Diax12	---	14	28.28	54	4277	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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
A carbon copy for the report has been retained in the lab for record.

8896
Dr. M. Yousaf

To: Admin Manager
Ahbab Housing Society (Pvt) Ltd, Johar Town, Lahore

Project: Construction of Plot No. 24 Block Q Shah Alam Road, Johar Town Lahore

Our Ref. No. CL/CED/ 7414 **Dated:** 18/02/2025 **Test Specification**

Your Ref. No. AHS/364/02/2025-By Hand **Dated:** 12/02/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 13/2/2025 **Tested on:** 18/02/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	3000 Psi	8	1	2025	6Diax12	---	13.6	28.28	45	3564	---	Non Engraved
2	3000 Psi	8	1	2025	6Diax12	---	13.8	28.28	38	3010	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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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8866
Dr. M. Yousaf

To: Sub Divisional Officer
Link Sub Division Lahore

Project: Construction of Gated Head Regulators from RD.205+000 to 283+000 of BRBD Link Canal of Chakbandi Division, Lahore Package B (Raft of Upstream floor Head Regulator at RD: 251+000/L BRBD Link Canal)

Our Ref. No. CL/CED/ 7415 Dated: 18/2/2025 Test Specification

Your Ref. No. 59/1-G Dated: 01/02/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 10/2/2025 Tested on: 18/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	4000 Psi	4	1	2025	6Diax12	---	14	28.28	45	3564	---	Non Engraved
2	4000 Psi	4	1	2025	6Diax12	---	14	28.28	44	3485	---	Non Engraved
3	4000 Psi	4	1	2025	6Diax12	---	14.2	28.28	37	2931	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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.

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ORIGINAL
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8866
Dr. M. Yousaf

To: Sub Divisional Officer
Ravi Syphon Sub Division, Batapur, Lahore

Project: Construction of Gated Head Regulators from RD.205+000 to 283+000 of BRBD Link Canal of (Package C) (AT H/R RD, 266+000/L Downstream Stilling Basin / Cistern Left Side Wall (H/C 8Ft), Downstream of End Sill Cut of Walls Left & Right

Our Ref. No. CL/CED/ 7416 Dated: 18/2/2025 Test Specification

Your Ref. No. 07/Camp Dated: 06/01/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 10/2/2025 **Tested on:** 18/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	266+000/L (1:1.45:2.20)	9	12	2024	6Diax12	---	14	28.28	66	5228	---	Non Engraved
2	266+000/L (1:1.45:2.20)	9	12	2024	6Diax12	---	14.2	28.28	62	4911	---	Non Engraved
3	266+000/L (1:1.45:2.20)	9	12	2024	6Diax12	---	14.4	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/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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.

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ORIGINAL
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8866
Dr. M. Yousaf

To: Sub Divisional Officer
Link Sub Division Lahore

Project: Construction of Gated Head Regulators from RD.205+000 to 283+000 of BRBD Link Canal of ChakBandi Division, Lahore Package B (Upstream Left Side Wall Inner at Prism Head Regulator at RD:251+000/L BRBD Link Canal

Our Ref. No. CL/CED/ 7417 Dated: 18/2/2025 **Test Specification**

Your Ref. No. 63/1-G Dated: 06/02/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 10/2/2025 **Tested on:** 18/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	4000 Psi	9	1	2025	6Diax12	---	14	28.28	37	2931	---	Non Engraved
2	4000 Psi	9	1	2025	6Diax12	---	14	28.28	46	3644	---	Non Engraved
3	4000 Psi	9	1	2025	6Diax12	---	14.2	28.28	55	4356	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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8866
Dr. M. Yousaf

To: Sub Divisional Officer
Ravi Syphon Sub Division, Batapur, Lahore

Project: Construction of Gated Head Regulators from RD:205+000 to 283+000 of BRBD Link Canal of (Package C) (AT H/R RD:266+000/L Upstream Floor Slab.

Our Ref. No. CL/CED/ 7418 **Dated:** 18/2/2025 **Test Specification**

Your Ref. No. 22/Camp **Dated:** 07/02/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 10/2/2025 **Tested on:** 18/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	266+000/L (1:1.45:2.20)	12	1	2025	6Diax12	---	14.2	28.28	32	2535	---	Non Engraved
2	266+000/L (1:1.45:2.20)	12	1	2025	6Diax12	---	14	28.28	62	4911	---	Non Engraved
3	266+000/L (1:1.45:2.20)	12	1	2025	6Diax12	---	14	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/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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
A carbon copy for the report has been retained in the lab for record.

8866
Dr. M. Yousaf

To: Sub Divisional Officer
Link Sub Division Lahore

Project: Construction of Gated Head Regulators from RD.205+000 to 283+000 of BRBD Link Canal of ChakBandi Division, Lahore Package B (Upstream Right Side Wall Inner Prism Head Regulator at RD:251+000/L BRBD Link Canal

Our Ref. No. CL/CED/ 7419 Dated: 18/2/2025 **Test Specification**

Your Ref. No. 62/1-G Dated: 06/02/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 10/2/2025 **Tested on:** 18/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	4000 Psi	7	1	2025	6Diax12	---	14	28.28	54	4277	---	Non Engraved
2	4000 Psi	7	1	2025	6Diax12	---	14	28.28	41	3248	---	Non Engraved
3	4000 Psi	7	1	2025	6Diax12	---	14	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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**

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.

8914
Dr. M. Yousaf

To: Mr. Muhammad Sajjad
Project Incharge

Project: Construction of House No. 60, C Block Model Town Lahore.

Our Ref. No. CL/CED/ 7420 **Dated: 18/2/2025** **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: 14/2/2025 **Tested on:** 18/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	5th Floor Slab (3000 Psi)	7	2	2025	6Diax12	---	13.8	28.28	58	4594	---	Non Engraved
2	5th Floor Slab (3000 Psi)	7	2	2025	6Diax12	---	14	28.28	63	4990	---	Non Engraved
3	5th Floor Slab (3000 Psi)	7	2	2025	6Diax12	---	14	28.28	53	4198	---	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/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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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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.

8891
Dr. M. Yousaf

To: Engr. M. Ahmad Baig
Project Manager, UMT Lahore

Project: Exhibition Hall (Wall Footing = 01-02-(A-F))

Our Ref. No. CL/CED/ 7421 **Dated: 18/2/2025** **Test Specification**

Your Ref. No. EXB-1/133 **Dated: 09/02/2025** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 12/2/2025 **Tested on:** 18/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	3000 Psi	12	1	2025	6Diax12	---	13.8	28.28	68	5386	---	Non Engraved
2	3000 Psi	12	1	2025	6Diax12	---	14	28.28	57	4515	---	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/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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**

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.

8891
Dr. M. Yousaf

To: Engr. M. Ahmad Baig
Project Manager, UMT Lahore

Project: Exhibition Hall (Column=03-(C-E), 04-(D), 04a(F3) 2nd Step, 04b-(H2-H3) Beam, H3-(C11) 4th Step

Our Ref. No. CL/CED/ 7422 **Dated: 18/2/2025** **Test Specification**

Your Ref. No. EXB-1/136 **Dated: 09/02/2025** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 12/2/2025 **Tested on:** 18/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	5100 Psi	12	1	2025	6Diax12	---	14	28.28	70	5545	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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**

Plain and Reinforced Concrete Laboratory
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

8891
Dr. M. Yousaf

To: Engr. M. Ahmad Baig
Project Manager, UMT Lahore

Project: Exhibition Hall (Wall Footing= 01-02-(A-F))

Our Ref. No. CL/CED/ 7423 **Dated: 18/2/2025** **Test Specification**

Your Ref. No. EXB-1/134 **Dated: 09/02/2025** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 12/2/2025 **Tested on:** 18/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	3900 Psi	12	1	2025	6Diax12	---	14	28.28	56	4436	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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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8891
Dr. M. Yousaf

To: Engr. M. Ahmad Baig
Project Manager, UMT Lahore

Project: Exhibition Hall (Column=03-(C-E), 04-(D), 04a(F3) 2nd Step, 04b-(H2-H3) Beam, H3-(C11) 4th Step

Our Ref. No. CL/CED/ 7424 **Dated:** 18/2/2025 **Test Specification**

Your Ref. No. EXB-1/135 **Dated:** 09/02/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/2/2025 **Tested on:** 18/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	4000 Psi	12	1	2025	6Diax12	---	14	28.28	63	4990	---	Non Engraved
2	4000 Psi	12	1	2025	6Diax12	---	14	28.28	58	4594	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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**

Plain and Reinforced Concrete Laboratory
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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8891
Dr. M. Yousaf

To: Engr. M. Ahmad Baig
Project Manager, UMT Lahore

Project: Exhibition Hall (Columns=03-04-(J-K-L-M)-2nd Step, 04-(N)-1st Step, 04a-(J2-K1)-1st Step, 04a-04b-(H3)-3rd Step, 04b-(F3)-C14-2nd Step, 04b-(H2-H3-H2)-3rd Step

Our Ref. No. CL/CED/ 7425 Dated: 18/2/2025 Test Specification

Your Ref. No. EXB-1/132 Dated: 06/02/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/2/2025 Tested on: 18/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	5100 Psi	30	1	2025	6Diax12	---	14	28.28	45	3564	---	Non Engraved
2	5100 Psi	30	1	2025	6Diax12	---	13.6	28.28	52	4119	---	Non Engraved
3	5100 Psi	30	1	2025	6Diax12	---	14	28.28	53	4198	---	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/

1. * as engraved on the specimens (if any)
2. ** 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

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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8891
Dr. M. Yousaf

To: Engr. M. Ahmad Baig
Project Manager, UMT Lahore

Project: Exhibition Hall (Columns=03-04-(J-K-L-M)-2nd Step, 04-(N)-1st Step, 04a-(J2-K1)-1st Step, 04a-04b-(H3)-3rd Step, 04b-(F3)-C14-2nd Step, 04b-(H2-H3-H2)-3rd Step

Our Ref. No. CL/CED/ 7426 Dated: 18/2/2025 Test Specification

Your Ref. No. EXB-1/131 Dated: 06/02/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/2/2025 Tested on: 18/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	4000 Psi	30	1	2025	6Diax12	---	13.8	28.28	48	3802	---	Non Engraved
2	4000 Psi	30	1	2025	6Diax12	---	13.8	28.28	38	3010	---	Non Engraved
3	4000 Psi	30	1	2025	6Diax12	---	13.4	28.28	47	3723	---	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/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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**

Plain and Reinforced Concrete Laboratory
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

8892
Dr. M. Yousaf

To: MASS Engineering Solutions (Pvt) Limited
Phase-II, DHA, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 7427 **Dated:** 18/2/2025 **Test Specification**

Your Ref. No. Nil **Dated:** 12/02/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/2/2025 **Tested on:** 18/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	3000 Psi	26	1	2025	6Diax12	---	14	28.28	44	3485	---	Non Engraved
2	3000 Psi	26	1	2025	6Diax12	---	14	28.28	54	4277	---	Non Engraved
3	3000 Psi	26	1	2025	6Diax12	---	14	28.28	55	4356	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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**

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.

8886
Dr. M. Yousaf

To: Mr. Ali Khwaja
Director, OAKTREE Designs, Phase 6, DHA Lahore

Project: 45 Sarwar Colony Cantt, Lahore.

Our Ref. No. CL/CED/ 7428 **Dated:** 18/2/2025 **Test Specification**

Your Ref. No. Nil **Dated:** 10/02/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/2/2025 **Tested on:** 18/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	3000 Psi	21	1	2025	6Diax12	---	14	28.28	40	3168	---	Non Engraved
2	3000 Psi	21	1	2025	6Diax12	---	14	28.28	42	3327	---	Non Engraved
3	3000 Psi	21	1	2025	6Diax12	---	14	28.28	56	4436	---	Non Engraved
4	3000 Psi	21	1	2025	6Diax12	---	14	28.28	56	4436	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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**

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.

8930
Dr. M. Yousaf

To: Sub Divisional Officer
Public Health Engineering Sub Division, Kasur

Project: Construction of Sewerage/Water Supply & Drainage Scheme at Khokhar Touchar, Biya Singh, Bhair & Bhagiana & Adjoining Abadies, Tehsil & District Kasur

Our Ref. No. CL/CED/ 7429 **Dated:** 18/2/2025 **Test Specification**

Your Ref. No. No. 40 **Dated:** 10/02/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 17/2/2025 **Tested on:** 18/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	PCC (1:2:4)	27	1	2025	6x6x6	---	9.2	36	105	6533	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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**

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.

8930
Dr. M. Yousaf

To: Sub Divisional Officer
Public Health Engineering Sub Division, Kasur

Project: Construction of Sewerage/Water Supply & Drainage Scheme at Qila Natha Singh & Pakhoki & Adjoining Abadies, Tehsil & District Kasur.

Our Ref. No. CL/CED/ 7430 Dated: 18/2/2025 Test Specification

Your Ref. No. No. 41 Dated: 10/02/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 17/2/2025 Tested on: 18/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	PCC (1:2:4)	21	1	2025	6x6x6	---	9.4	36	96	5973	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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**

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.

8897
Dr. M. Yousaf

To: Assistant Engineer
LG & CD Department, Civil Sub Division Kasur

Project: Construction of PCC/ Soling/ Culverts/ Drainage at Gohar and Hussain Khan Wala Adjoining Abadies Tehsil Chunian District Kasur.

Our Ref. No. CL/CED/ 7431 **Dated:** 18/2/2025 **Test Specification**

Your Ref. No. AE(LG&CD)-2025/21 **Dated:** 21/01/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 13/2/2025 **Tested on:** 18/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	PCC (1:2:4)	3	1	2025	6x6x6	---	9	36	85	5289	---	Non Engraved
2	PCC (1:2:4)	3	1	2025	6x6x6	---	9	36	101	6284	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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**

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.

8838
Dr. M. Yousaf

To: Mr. Abid Azim
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Rehabilitation / Improvement of Roads Noor Road, Green Park, Kacha, Iron Market & Misri Shah UC 30 Ravi Zone MCL.

Our Ref. No. CL/CED/ 7432 Dated: 18/2/2025 Test Specification

Your Ref. No. 4084/103/LDP/Ravi/04/67 Dated: 20/1/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 04/02/2025 Tested on: 18/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	5	---	---	---	8.8 x 4.1 x 2.9	3335	2950	36.08	34	2111	13.05	---
2	5	---	---	---	8.7 x 4.2 x 2.8	3240	2990	36.54	37	2268	8.36	---
3	5	---	---	---	8.8 x 4.1 x 2.9	3020	2820	36.08	36	2235	7.09	---
4	5	---	---	---	8.9 x 4.2 x 2.8	3395	3035	37.38	36	2157	11.86	---
5	5	---	---	---	8.8 x 4.1 x 2.9	3130	2925	36.08	33	2049	7.01	---
6	5	---	---	---	8.9 x 4.2 x 3	3205	2990	37.38	28	1678	7.19	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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**

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.

8838
Dr. M. Yousaf

To: Mr. Abid Azim
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Rehabilitation / Improvement of Street Pavement, Drainage Link, Saggian Bypass Road, UC-01, Ravi Zone MCL.

Our Ref. No. CL/CED/ 7433 Dated: 18/2/2025 Test Specification

Your Ref. No. 4084/103/LDP/Ravi/04/69 Dated: 20/1/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 04/02/2025 **Tested on:** 18/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	5	---	---	---	8.7 x 4.2 x 3	3190	2840	36.54	35	2146	12.32	---
2	5	---	---	---	8.9 x 4.1 x 2.9	3150	2910	36.49	36	2210	8.25	---
3	5	---	---	---	8.8 x 4.2 x 2.8	3245	2965	36.96	31	1879	9.44	---
4	5	---	---	---	8.8 x 4.1 x 2.8	3335	2960	36.08	32	1987	12.67	---
5	5	---	---	---	8.8 x 4 x 2.8	3005	2630	35.2	33	2100	14.26	---
6	5	---	---	---	8.8 x 4.1 x 2.9	3265	2870	36.08	34	2111	13.76	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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**

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.

8838
Dr. M. Yousaf

To: Mr. Abid Azim
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Rehabilitation / Improvement of Street Pavement, Sewerage/ Drainage, Ilam Din Block, Shokat Colony, Miraj Park, Begum Kot, Bashir Colony, Yousaf Park, UC-01 802, Ravi Zone MCL

Our Ref. No. CL/CED/ 7434 Dated: 18/2/2025

Your Ref. No. 4084/103/LDP/Ravi/04/70 Dated: 20/1/2025

Test Specification
(BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 04/02/2025 Tested on: 18/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	5	---	---	---	8.8 x 4 x 2.8	3095	2740	35.2	29	1845	12.96	---
2	5	---	---	---	8.8 x 4.1 x 2.9	3230	2865	36.08	27	1676	12.74	---
3	5	---	---	---	8.7 x 4 x 2.9	3235	2900	34.8	39	2510	11.55	---
4	5	---	---	---	8.8 x 4.1 x 2.8	3390	3010	36.08	19	1180	12.62	---
5	5	---	---	---	8.9 x 4.1 x 2.8	3225	2870	36.49	26	1596	12.37	---
6	5	---	---	---	8.9 x 4.1 x 2.9	3205	2845	36.49	30	1842	12.65	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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**

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.

8838
Dr. M. Yousaf

To: Mr. Abid Azim
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Rehabilitation / Improvement of Street Pavement, Sewerage/ Drainage, UC-29, 30, Ravi Zone MCL

Our Ref. No. CL/CED/ 7435 Dated: 18/2/2025 Test Specification

Your Ref. No. 4084/103/LDP/Ravi/04/68 Dated: 20/1/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 04/02/2025 Tested on: 18/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	5	---	---	---	8.8 x 4 x 2.9	3345	2970	35.2	35	2227	12.63	---
2	5	---	---	---	8.8 x 4 x 2.8	3095	2770	35.2	26	1655	11.73	---
3	5	---	---	---	8.9 x 4.1 x 2.9	3295	2910	36.49	34	2087	13.23	---
4	5	---	---	---	8.8 x 4.2 x 2.8	3365	3000	36.96	35	2121	12.17	---
5	5	---	---	---	8.9 x 4.1 x 2.9	3305	2960	36.49	36	2210	11.66	---
6	5	---	---	---	8.8 x 4 x 2.8	3240	2900	35.2	35	2227	11.72	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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**

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

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8838
Dr. M. Yousaf

To: Mr. Abid Azim
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Rehabilitation / Improvement of Street Pavement, Sewerage/ Drainage, Mustafabad, Saeed Park, Timber Market, Qila Lachman Singh, UC-13, 15 & 16, Ravi Zone MCL

Our Ref. No. CL/CED/ 7436 Dated: 18/2/2025 Test Specification

Your Ref. No. 4084/103/LDP/Ravi/04/71 Dated: 20/1/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 04/02/2025 Tested on: 18/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	5	---	---	---	8.7 x 4.1 x 2.9	3100	2740	35.67	23	1444	13.14	---
2	5	---	---	---	8.8 x 4 x 2.8	3325	2970	35.2	34	2164	11.95	---
3	5	---	---	---	8.9 x 4.1 x 2.9	3185	2860	36.49	28	1719	11.36	---
4	5	---	---	---	8.8 x 4 x 2.8	3120	2790	35.2	25	1591	11.83	---
5	5	---	---	---	8.7 x 4.2 x 2.9	3395	3020	36.54	35	2146	12.42	---
6	5	---	---	---	8.9 x 4.2 x 2.9	3300	2970	37.38	34	2037	11.11	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

Plain and Reinforced Concrete Laboratory
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

8873
Dr. M. Yousaf

To: Mr. M. Hassan Khan
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd.

Project: Scheme #18 Rehabilitation / Improvement / Patch Work of Link Road UC-128, 129, 130, 161, 162, 163 Shalamar Zone Phase-II.

Our Ref. No. CL/CED/ 7437 Dated: 18/2/2025 Test Specification

Your Ref. No. 4084/103/LDP/SMZ(S-18)/04/28 Dated: 17/1/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 10/02/2025 Tested on: 18/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	B2	---	---	---	9 x 4.4 x 3.1	3860	3400	39.6	42	2376	13.53	---
2	B2	---	---	---	8.9 x 4.3 x 3	3690	3225	38.27	34	1990	14.42	---
3	BS2	---	---	---	9 x 4.3 x 3.2	4020	3550	38.7	40	2315	13.24	---
4	BS2	---	---	---	9 x 4.4 x 3.2	4010	3545	39.6	43	2432	13.12	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**