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.

9183
Dr. M. Yousaf

To: Mr. Muhammad Saleem
Material Engineer, NESPAK, ADP, WASA, Lahore

Project: Annual Development Program- WASA (ADP 2024-25) Rainwater Management- Drainage Arrangement for SORE POINT, at Tikka Chowk Park, Lahore

Our Ref. No. CL/CED/ 7818 Dated: 26/03/2025 Test Specification

Your Ref. No. NESPAK/WASA/ADP/UGWTC/ME/07A Dated: 11/03/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 25/03/2025 **Tested on:** 25/03/2025 **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 (1500 Psi)	13	2	2025	6Diax12	---	13.2	28.28	29	2297	---	Non Engraved
2	PCC (1500 Psi)	13	2	2025	6Diax12	---	13.6	28.28	22	1743	---	Non Engraved
3	PCC (1500 Psi)	13	2	2025	6Diax12	---	13.4	28.28	32	2535	---	Non Engraved
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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.

9171
Dr. M. Yousaf

To: Noor Fatima
100-B-III, Gulberg III Lahore.

Project: (Columns at 1st Floor)

Our Ref. No. CL/CED/ 7819 **Dated:** 26/03/2025 **Test Specification**

Your Ref. No. CT/FF/09 **Dated:** 24/03/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/03/2025 **Tested on:** 24/03/2025 **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	C-101	13	3	2025	6Diax12	---	14	28.28	69	5465	---	Non Engraved
2	C-102	13	3	2025	6Diax12	---	13.8	28.28	54	4277	---	Non Engraved
3	C-103	13	3	2025	6Diax12	---	13.6	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.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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9077
Dr. M. Yousaf

To: Mr. Afaq Ahmad
Planning & Cord, Engr. MASS Engineering Solutions (Pvt.) Ltd.

Project: Shahzore Heights located on Plot No. 212, Mohalla Baghbanpura, Main GT Road, Lahore.

Our Ref. No. CL/CED/ 7820 **Dated:** 26/03/2025 **Test Specification**

Your Ref. No. MASS/SH/UET/CT-03/2025 **Dated:** 10/03/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 10/03/2025 **Tested on:** 24/03/2025 **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	26	2	2025	6Diax12	---	13	28.28	49	3881	---	Non Engraved
2	4000 Psi	26	2	2025	6Diax12	---	13.2	28.28	54	4277	---	Non Engraved
3	4000 Psi	26	2	2025	6Diax12	---	13.2	28.28	50	3960	---	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
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9077
Dr. M. Yousaf

To: Mr. Afaq Ahmad
Planning & Cord, Engr. MASS Engineering Solutions (Pvt.) Ltd.

Project: Shahzore Heights located on Plot No. 212, Mohalla Baghbanpura, Main GT Road, Lahore.

Our Ref. No. CL/CED/ 7821 **Dated:** 26/03/2025 **Test Specification**

Your Ref. No. MASS/SH/UET/CT-02/2025 **Dated:** 10/03/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 10/03/2025 **Tested on:** 24/03/2025 **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	25	2	2025	6Diax12	---	13	28.28	37	2931	---	Non Engraved
2	4000 Psi	25	2	2025	6Diax12	---	13	28.28	27	2139	---	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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9181
Dr. Aqsa

To: Engr. Haseeb Afzal
Project Manager, HMB Developers Pvt. Ltd

Project: Commercial Tower, Finance Trade Centre, Lahore (12th Floor Slab Pour 1 N'~G/1'~4')

Our Ref. No. CL/CED/ 7822 **Dated: 26/03/2025** **Test Specification**

Your Ref. No. HMBDPL/S.O/03/25/181 (LHR) **Dated: 25/03/2025** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 25/03/2025 Tested on: 25/03/2025 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	CT-193 (3500 Psi)	25	2	2025	6Diax12	---	14	28.28	89	7050	---	Non Engraved
2	CT-193 (3500 Psi)	25	2	2025	6Diax12	---	13.6	28.28	54	4277	---	Non Engraved
3	CT-193 (3500 Psi)	25	2	2025	6Diax12	---	14	28.28	54	4277	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. Azhar Saeed

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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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

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ORIGINAL
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9084
Dr. M. Yousaf

To: Mr. Safdar Rashid
Resident Engineer, Architecture & Planning Division, NESPAK (Pvt) Ltd.

Project: KBCMA COLLEGE OF VETERINARY AND ANIMAL SCIENCES NAROWAL CAMPUS. (Building: BS 18-19 Residence 2nd Set G.F, Location:GF Slab)

Our Ref. No. CL/CED/ 7823 Dated: 26/03/2025 Test Specification

Your Ref. No. 4650/311/SR/101 Dated: 02/03/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 11/03/2025 Tested on: 25/03/2025 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	Roof Slab (1:1.5:3)	6	2	2025	6Diax12	---	13.4	28.28	58	4594	---	Engraved
2	Roof Slab (1:1.5:3)	6	2	2025	6Diax12	---	13.4	28.28	60	4752	---	Engraved
3	Roof Slab (1:1.5:3)	6	2	2025	6Diax12	---	13.8	28.28	63	4990	---	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
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ORIGINAL
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9133
Dr. M. Yousaf

To: Mr. Muhammad Furqan Alam
Resident Engineer, HA Consulting JV Mascon Associates

Project: Nil

Our Ref. No. CL/CED/ 7824 **Dated:** 26/03/2025 **Test Specification**

Your Ref. No. 25/HAC-MAS/RE/Sharaqpur/105 **Dated:** 15/02/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 17/03/2025 **Tested on:** 25/03/2025 **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	R.B	---	---	---	8.9 x 4.2 x 3	3870	3415	37.38	39	2337	13.32	---
2	R.B	---	---	---	9 x 4.4 x 3	3910	3400	39.6	37	2093	15	---
3	R.B	---	---	---	8.8 x 4.3 x 3	3955	3470	37.84	38	2249	13.98	---
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)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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9133
Dr. M. Yousaf

To: Mr. Muhammad Furqan Alam
Resident Engineer, HA Consulting JV Mascon Associates

Project: Construction of Model Bazar Pattoki.

Our Ref. No. CL/CED/ 7825 **Dated:** 26/03/2025 **Test Specification**

Your Ref. No. HAC/RE/2025/01 **Dated:** 14/02/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 17/03/2025 **Tested on:** 25/03/2025 **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	G.M	---	---	---	9 x 4.3 x 3.2	3685	3240	38.7	39	2257	13.73	---
2	G.M	---	---	---	9 x 4.3 x 3	3850	3425	38.7	39	2257	12.41	---
3	G.M	---	---	---	9 x 4.3 x 3	3710	3315	38.7	38	2199	11.92	---
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.

9136
Dr. M. Mazhar

To: Mr. Mohsin Abid
Bunyad, Phase 6, DHA Lahore.

Project: Construction of Residential House, 78k, K Block Model Town, Lahore

Our Ref. No. CL/CED/ 7826 **Dated: 26/3/2025** **Test Specification**

Your Ref. No. Nil **Dated: 15/3/2025** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 18/3/2025 Tested on: 26/3/2025 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	2	2025	6Diax12	---	13.2	28.28	56	4436	---	Non Engraved
2	3000 Psi	21	2	2025	6Diax12	---	14	28.28	58	4594	---	Non Engraved
3	3000 Psi	21	2	2025	6Diax12	---	14	28.28	62	4911	---	Non Engraved
4	3000 Psi	28	1	2025	6Diax12	---	13.6	28.28	46	3644	---	Non Engraved
5	3000 Psi	28	1	2025	6Diax12	---	13.6	28.28	44	3485	---	Non Engraved
6	3000 Psi	28	1	2025	6Diax12	---	13.8	28.28	48	3802	---	Non Engraved
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.

9092
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 (Package-C) At H/R RD. 266+000/L Downstream Glacis Wall.

Our Ref. No. CL/CED/ 7827 Dated: 26/3/2025 Test Specification

Your Ref. No. 48/Camp Dated: 25/2/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/3/2025 Tested on: 24/3/2025 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)	29	1	2025	6Diax12	---	14	28.28	74	5861	---	Non Engraved
2	266+000/L (1:1.45:2.20)	29	1	2025	6Diax12	---	14	28.28	59	4673	---	Non Engraved
3	266+000/L (1:1.45:2.20)	29	1	2025	6Diax12	---	14	28.28	85	6733	---	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/

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.

9092
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 (Package-C) At H/R RD. 266+000/L Crest Portion Side Wall and Downstream Glacis Wall

Our Ref. No. CL/CED/ 7828 **Dated:** 26/3/2025 **Test Specification**

Your Ref. No. 50/Camp **Dated:** 25/2/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/3/2025 **Tested on:** 24/3/2025 **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)	2	2	2025	6Diax12	---	13.6	28.28	62	4911	---	Non Engraved
2	266+000/L (1:1.45:2.20)	2	2	2025	6Diax12	---	13.4	28.28	45	3564	---	Non Engraved
3	266+000/L (1:1.45:2.20)	2	2	2025	6Diax12	---	13.2	28.28	49	3881	---	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.

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.

9092
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 (Package-C) Corbel Portion

Our Ref. No. CL/CED/ 7829 **Dated:** 26/3/2025 **Test Specification**

Your Ref. No. 52/Camp **Dated:** 08/03/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/3/2025 **Tested on:** 24/3/2025 **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	263+000/L (4000 Psi)	10	2	2025	6Diax12	---	14	28.28	46	3644	---	Non Engraved
2	263+000/L (4000 Psi)	10	2	2025	6Diax12	---	14	28.28	32	2535	---	Non Engraved
3	263+000/L (4000 Psi)	10	2	2025	6Diax12	---	14	28.28	62	4911	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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**

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.

9092
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 (Package-C) At H/R RD. 263+000/L Downstream Glacis Wall Left & Right (4ft Height)

Our Ref. No. CL/CED/ 7830 Dated: 26/3/2025 Test Specification

Your Ref. No. 51/Camp Dated: 25/2/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/3/2025 Tested on: 24/3/2025 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	263+000/L (1:1.45:2.20)	3	2	2025	6Diax12	---	14	28.28	53	4198	---	Non Engraved
2	263+000/L (1:1.45:2.20)	3	2	2025	6Diax12	---	14	28.28	60	4752	---	Non Engraved
3	263+000/L (1:1.45:2.20)	3	2	2025	6Diax12	---	14	28.28	80	6337	---	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.

9092
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 (Package-C) At H/R RD. 266+000/L Upstream Floor Slab

Our Ref. No. CL/CED/ 7831 **Dated:** 26/3/2025 **Test Specification**

Your Ref. No. 21/Camp **Dated:** 18/1/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/3/2025 **Tested on:** 24/3/2025 **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	28.28	77	6099	---	Non Engraved
2	266+000/L (1:1.45:2.20)	12	1	2025	6Diax12	---	14	28.28	54	4277	---	Non Engraved
3	266+000/L (1:1.45:2.20)	12	1	2025	6Diax12	---	14	28.28	77	6099	---	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.

9163
Dr. M. Burhan

To: Mr. Sajjad Karim
Project Engineer, 7Canal Developers

Project: 7 Canal Residential Apartment Buildings

Our Ref. No. CL/CED/ 7832 **Dated:** 26/3/2025 **Test Specification**

Your Ref. No. Nil **Dated:** 21/3/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 21/3/2025 **Tested on:** 24/3/2025 **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	5500 Psi	13	2	2025	6Diax12	---	13.6	28.28	43	3406	---	Non Engraved
2	5500 Psi	13	2	2025	6Diax12	---	14.2	28.28	89	7050	---	Non Engraved
3	4000 Psi	22	2	2025	6Diax12	---	15	28.28	54	4277	---	Non Engraved
4	4000 Psi	22	2	2025	6Diax12	---	15.2	28.28	52	4119	---	Non Engraved
5	5500 Psi	22	2	2025	6Diax12	---	13.4	28.28	95	7525	---	Non Engraved
6	5500 Psi	22	2	2025	6Diax12	---	14	28.28	101	8000	---	Non Engraved
7	5500 Psi	4	3	2025	6Diax12	---	14	28.28	99	7842	---	Non Engraved
8	5500 Psi	4	3	2025	6Diax12	---	14	28.28	85	6733	---	Non Engraved
9	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Shabbir Hussain, CNIC # 35202-3135814-3

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.

9050
Dr. M. Yousaf

To: Mr. Ghzanfar Ali
for ITTEFAQ BUILDING SOLUTION (PVT) Ltd

Project: Construction of Production Hall Unit-1, Servis Global Footwear Ltd. Muridke.

Our Ref. No. CL/CED/ 7833 **Dated:** 26/3/2025 **Test Specification**

Your Ref. No. Nil **Dated:** 06/03/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 6/3/2025 **Tested on:** 24/3/2025 **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	Super Str. Col. (4000 Psi)	26	2	2025	6Diax12	---	13.8	28.28	39	3089	---	Non Engraved
2	Super Str. Col. (4000 Psi)	26	2	2025	6Diax12	---	14	28.28	71	5624	---	Non Engraved
3	Super Str. Col. (4000 Psi)	26	2	2025	6Diax12	---	13.2	28.28	49	3881	---	Non Engraved
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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.

9121
Dr. M. Yousaf

To: Resident Engineer
NESPAK (Pvt) Ltd

Project: Construction of Platform along with Allied Services for TPS-77, MMR Radar at Kirana Top at PAF Base Mushaf

Our Ref. No. CL/CED/ 7834 **Dated:** 26/3/2025 **Test Specification**

Your Ref. No. 4800/321/SS/01/15 **Dated:** 13/3/2025 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 14/3/2025 **Tested on:** 26/03/2025 **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	RCC Wall Footing	11	2	2025	6Diax12	---	13	28.28	18	1426	---	Non Engraved
2	RCC Wall Footing	11	2	2025	6Diax12	---	13	28.28	22	1743	---	Non Engraved
3	RCC Wall Footing	11	2	2025	6Diax12	---	13.2	28.28	18	1426	---	Non Engraved
4	RCC Wall Footing	11	2	2025	6Diax12	---	13.2	28.28	71	5624	---	Non Engraved
5	RCC Wall Footing	11	2	2025	6Diax12	---	13	28.28	71	5624	---	Non Engraved
6	RCC Wall Footing	11	2	2025	6Diax12	---	15	28.28	69	5465	---	Non Engraved
7	RCC Wall Footing	11	2	2025	6Diax12	---	15	28.28	21	1663	---	Non Engraved
8	RCC Wall Footing	11	2	2025	6Diax12	---	13.6	28.28	37	2931	---	Non Engraved
9	RCC Wall Footing	11	2	2025	6Diax12	---	13.6	28.28	51	4040	---	Non Engraved
10	RCC Wall Footing	11	2	2025	6Diax12	---	13	28.28	21	1663	---	Non Engraved
11	RCC Wall Footing	11	2	2025	6Diax12	---	13	28.28	42	3327	---	Non Engraved
12	RCC Wall Footing	11	2	2025	6Diax12	---	13.6	28.28	50	3960	---	Non Engraved
13	---	---	---	---	---	---	---	---	---	---	---	---
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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.

9121
Dr. M. Yousaf

To: Resident Engineer
NESPAK (Pvt) Ltd

Project: Construction of Platform along with Allied Services for TPS-77, MMR Radar at Kirana Top at PAF Base Mushaf

Our Ref. No. CL/CED/ 7835 **Dated:** 26/3/2025 **Test Specification**

Your Ref. No. 4800/321/SS/01/16 **Dated:** 13/3/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14/3/2025 **Tested on:** 26/03/2025 **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	RCC Wall Footing	6	3	2025	6Diax12	---	14	28.28	46	3644	---	Non Engraved
2	RCC Wall Footing	6	3	2025	6Diax12	---	15	28.28	64	5069	---	Non Engraved
3	RCC Wall Footing	6	3	2025	6Diax12	---	14	28.28	58	4594	---	Non Engraved
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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.

9193
Dr. M. Yousaf

To: Resident Engineer
NESPAK (Pvt) Ltd

Project: Construction of Platform along with Allied Services for TPS-77, MMR Radar at Kirana Top at PAF Base Mushaf

Our Ref. No. CL/CED/ 7836 **Dated:** 26/3/2025 **Test Specification**

Your Ref. No. 4800/321/SS/01/06-2 **Dated:** 10/03/2025 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 25/3/2025 **Tested on:** 26/3/2025 **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	F-3 @ Grid B-3	5	1	2025	6Diax12	---	15.6	28.28	54	4277	---	Non Engraved
2	F-5 @ Grid D-3	5	1	2025	6Diax12	---	14	28.28	58	4594	---	Non Engraved
3	F-1 Grid @ D-5	5	1	2025	6Diax12	---	14.4	28.28	58	4594	---	Non Engraved
4	F-1 Grid @ C-5	5	1	2025	6Diax12	---	14	28.28	51	4040	---	Non Engraved
5	F-1 Grid @ D-7	5	1	2025	6Diax12	---	14	28.28	53	4198	---	Non Engraved
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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.

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.

9155
Dr. M. Yousaf

To: Mr. Muhammad Ahmed
Site Incharge, M/s Eastern Housing

Project: Construction of MAS House Gulberg Lahore

Our Ref. No. CL/CED/ 7837-1 of 2 **Dated:** 26/3/2025 **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: 20/3/2025 **Tested on:** 24/3/2025 **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	---	14	2	2025	6Diax12	---	13	28.28	26	2059	---	Engraved
2	---	14	2	2025	6Diax12	---	13	28.28	36	2851	---	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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University of Engineering and Technology, Lahore. Pakistan
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

9155
Dr. M. Yousaf

To: Mr. Muhammad Ahmed
Site Incharge, M/s Eastern Housing

Project: Construction of MAS House Gulberg Lahore.

Our Ref. No. CL/CED/ 7837-2 of 2 **Dated: 26/3/2025** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 20/3/2025 Tested on: 24/3/2025 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	---	14	2	2025	6x6x6	---	8	36	41	2551	---	Engraved
2	---	14	2	2025	6x6x6	---	8	36	45	2800	---	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**

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.

9123
Dr. M. Mazhar

To: Mr. JAWAD QAYYUM KHAN
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Restoration / Improvement of Road from Mangni Pull at KM NO. 141.00 of Lahore Sargodha Bannu Road to Ghullapur Banglow Length 15.50 KM in District Sargodha.

Our Ref. No. CL/CED/ 7838 Dated: 26/3/2025 Test Specification

Your Ref. No. RE/4834/JQK/25/7624 Dated: 08/03/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 14/3/2025 Tested on: 26/3/2025 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	Machine Made Double Line	---	---	---	8.6 x 4.2 x 2.8	2990	2530	36.12	30	1860	18.18	---
2	Machine Made Double Line	---	---	---	8.7 x 4.1 x 2.7	2975	2530	35.67	30	1884	17.59	---
3	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.7	2940	2555	36.96	36	2182	15.07	---
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
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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)

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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.

9059
Dr. M. Mazhar

To: Engr. Sheikh Maqbool Hassan
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Construction of Metal Road from Manak Road to Bahria Road to Wapda Society Road Allama Iqbal Zone MCL

Our Ref. No. CL/CED/ 7839 Dated: 26/03/2025 Test Specification

Your Ref. No. 4084/103/LDP/NZ/04/241 Dated: 03/03/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 07/03/2025 Tested on: 26/3/2025 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	ASB	---	---	---	9 x 4.4 x 3	3910	3405	39.6	28	1584	14.83	---
2	ASB	---	---	---	8.9 x 4.3 x 2.9	3740	3280	38.27	28	1639	14.02	---
3	ASB	---	---	---	9 x 4.4 x 3	3760	3330	39.6	32	1810	12.91	---
4	ASB	---	---	---	8.9 x 4.3 x 3	3790	3295	38.27	29	1697	15.02	---
5	ASB	---	---	---	9 x 4.4 x 3.1	3845	3395	39.6	33	1867	13.25	---
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
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.

9066
Dr. M. Mazhar

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 & 02, Ravi Zone MCL

Our Ref. No. CL/CED/ 7840 Dated: 26/3/2025 **Test Specification**

Your Ref. No. 4084/103/LDP/Ravi/04/258 Dated: 08/03/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 10/03/2025 **Tested on:** 26/3/2025 **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	F16	---	---	---	8.9 x 4.4 x 3	3785	3420	39.16	38	2174	10.67	---
2	F16	---	---	---	8.8 x 4.4 x 3.1	3695	3380	38.72	35	2025	9.32	---
3	F16	---	---	---	8.8 x 4.3 x 3	3520	3175	37.84	37	2190	10.87	---
4	F16	---	---	---	8.9 x 4.2 x 3	3790	3470	37.38	37	2217	9.22	---
5	F16	---	---	---	8.9 x 4.2 x 3	3810	3355	37.38	33	1978	13.56	---
6	F16	---	---	---	8.8 x 4.3 x 3	3680	3475	37.84	37	2190	5.9	---
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.

9002
Dr. M. Mazhar

To: ARE PCP Package-V
MMP/AiD Consultants Site Office (House No C-73 Ibrahim City Khanewal), MMP (Pvt) Ltd.

Project: Comprehensive Sewerage System in Khanewal City Under Punjab Cities Program (PCP)

Our Ref. No. CL/CED/ 7841 **Dated:** 26/3/2025 **Test Specification**

Your Ref. No. PCP/KWL-184/2025 **Dated:** 27/2/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 28/2/2025 **Tested on:** 26/3/2025 **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	Machine Made (333)	---	---	---	8.8 x 4.3 x 2.9	3370	2835	37.84	20	1184	18.87	---
2	Machine Made (333)	---	---	---	8.8 x 4.3 x 2.9	3205	2650	37.84	24	1421	20.94	---
3	Machine Made (333)	---	---	---	8.6 x 4.3 x 2.9	3445	2850	36.98	19	1151	20.88	---
4	Machine Made (333)	---	---	---	8.8 x 4.3 x 2.9	3430	2860	37.84	20	1184	19.93	---
5	Machine Made (333)	---	---	---	8.7 x 4.3 x 2.9	3410	2815	37.41	21	1257	21.14	---
6	Machine Made (333)	---	---	---	8.8 x 4.3 x 2.9	3440	2940	37.84	13	770	17.01	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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.

9002
Dr. M. Mazhar

To: ARE PCP Package-V
MMP/AiD Consultants Site Office (House No C-73 Ibrahim City Khanewal), MMP (Pvt) Ltd

Project: Comprehensive Sewerage System in Khanewal City Under Punjab Cities Program (PCP)

Our Ref. No. CL/CED/ 7842 Dated: 26/3/2025 Test Specification

Your Ref. No. PCP/KWL-179/2025 Dated: 18/2/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 28/2/2025 Tested on: 26/3/2025 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	Machine Made (1000)	---	---	---	8.9 x 4.3 x 2.9	3170	2885	38.27	29	1697	9.88	---
2	Machine Made (1000)	---	---	---	8.7 x 4.3 x 2.9	3180	2725	37.41	35	2096	16.7	---
3	Machine Made (1000)	---	---	---	8.8 x 4.2 x 2.8	3225	2815	36.96	32	1939	14.56	---
4	Machine Made (1000)	---	---	---	8.5 x 4.3 x 2.7	3285	2930	36.55	34	2084	12.12	---
5	Machine Made (1000)	---	---	---	8.9 x 4.3 x 2.9	3235	2920	38.27	38	2224	10.79	---
6	Machine Made (1000)	---	---	---	8.9 x 4.2 x 2.6	2985	2655	37.38	34	2037	12.43	---
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 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**

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.

9150
Dr. M. Mazhar

To: Engr. Abrar Ahmed
Divisional Engineer (Civil), Engg. Services Maint. & Dev, PAA, AIIAP, Lahore

Project: Establishment of Maintenance Yard at AIIAP, Lahore.

Our Ref. No. CL/CED/ 7843 Dated: 26/3/2025 Test Specification

Your Ref. No. AIIAP/1659-01/059/LACV/IV/207 Dated: 19/3/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 19/3/2025 Tested on: 26/3/2025 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	Rectangular, Grey, 50 mm	---	---	---	7.8 x 3.8 x 2	---	2240	29.64	42	3174	---	---
2	Rectangular, Grey, 50 mm	---	---	---	7.8 x 3.8 x 2.1	---	2465	29.64	48	3628	---	---
3	Rectangular, Red, 50 mm	---	---	---	7.8 x 3.8 x 2	---	2260	29.64	64	4837	---	---
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.

9134
Dr. M. Yousaf

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

Project: Rehabilitation / Improvement of Street Pavement, Sewerage / Drainage UC 10, 11, 12, 13, 14 RAVI ZONE MCL.

Our Ref. No. CL/CED/ 7844-1 of 2 Dated: 26/3/2025 Test Specification

Your Ref. No. 4084/103/LDP/Ravi/04/267 Dated: 11/03/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 17/3/2025 Tested on: 24/3/2025 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	Rectangular, Grey, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3655	29.64	107	8086	---	---
2	Rectangular, Grey, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3665	29.64	100	7557	---	---
3	Rectangular, Grey, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3435	29.64	120	9069	---	---
4	Rectangular, Grey, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3620	29.64	109	8238	---	---
5	Rectangular, Grey, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3575	29.64	97	7331	---	---
6	Rectangular, Grey, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3670	29.64	102	7709	---	---
7	Rectangular, Grey, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3615	29.64	116	8767	---	---
8	Rectangular, Grey, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3665	29.64	117	8842	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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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
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9134
Dr. M. Yousaf

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

Project: Rehabilitation / Improvement of Street Pavement, Sewerage / Drainage UC 10, 11, 12, 13, 14 RAVI ZONE MCL

Our Ref. No. CL/CED/ 7844-2 of 2 Dated: 26/3/2025 Test Specification

Your Ref. No. 4084/103/LDP/Ravi/04/267 Dated: 11/03/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 17/3/2025 Tested on: 24/3/2025 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	Rectangular, Red, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3540	29.64	108	8162	---	---
2	Rectangular, Red, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3640	29.64	101	7633	---	---
3	Rectangular, Red, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3620	29.64	113	8540	---	---
4	Rectangular, Red, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3580	29.64	116	8767	---	---
5	Rectangular, Red, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3455	29.64	115	8691	---	---
6	Rectangular, Red, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3540	29.64	111	8389	---	---
7	Rectangular, Red, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3570	29.64	110	8313	---	---
8	Rectangular, Red, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3715	29.64	107	8086	---	---
9	Rectangular, Red, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3510	29.64	115	8691	---	---
10	Rectangular, Red, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3700	29.64	119	8993	---	---
11	Rectangular, Red, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3515	29.64	119	8993	---	---
12	Rectangular, Red, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3600	29.64	117	8842	---	---
13	Rectangular, Red, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3585	29.64	110	8313	---	---
14	Rectangular, Red, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3515	29.64	113	8540	---	---
15	Rectangular, Red, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3650	29.64	108	8162	---	---
16	Rectangular, Red, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3600	29.64	120	9069	---	---

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.

9134
Dr. M. Yousaf

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

Project: Rehabilitation / Improvement of Street Pavement, Sewerage / Drainage UC 10, 11, 12, 13, 14 RAVI ZONE MCL

Our Ref. No. CL/CED/ 7845-1 of 2 Dated: 26/3/2025 Test Specification

Your Ref. No. 4084/103/LDP/Ravi/04/268 Dated: 11/03/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 17/3/2025 Tested on: 24/3/2025 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	Rectangular, Grey, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2800	29.64	107	8086	---	---
2	Rectangular, Grey, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2830	29.64	47	3552	---	---
3	Rectangular, Grey, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2795	29.64	100	7557	---	---
4	Rectangular, Grey, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2820	29.64	80	6046	---	---
5	Rectangular, Grey, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2815	29.64	109	8238	---	---
6	Rectangular, Grey, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2805	29.64	79	5970	---	---
7	Rectangular, Grey, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2710	29.64	82	6197	---	---
8	Rectangular, Grey, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2885	29.64	100	7557	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
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.

9134
Dr. M. Yousaf

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

Project: Rehabilitation / Improvement of Street Pavement, Sewerage / Drainage UC 10, 11, 12, 13, 14 RAVI ZONE MCL

Our Ref. No. CL/CED/ 7845-2 of 2 Dated: 26/3/2025 Test Specification

Your Ref. No. 4084/103/LDP/Ravi/04/268 Dated: 11/03/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 17/3/2025 Tested on: 24/3/2025 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	Rectangular, Red, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2665	29.64	88	6650	---	---
2	Rectangular, Red, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2625	29.64	74	5592	---	---
3	Rectangular, Red, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2585	29.64	86	6499	---	---
4	Rectangular, Red, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2630	29.64	78	5895	---	---
5	Rectangular, Red, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2670	29.64	77	5819	---	---
6	Rectangular, Red, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2590	29.64	100	7557	---	---
7	Rectangular, Red, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2580	29.64	68	5139	---	---
8	Rectangular, Red, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2685	29.64	89	6726	---	---
9	Rectangular, Red, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2725	29.64	99	7482	---	---
10	Rectangular, Red, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2630	29.64	85	6424	---	---
11	Rectangular, Red, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2720	29.64	107	8086	---	---
12	Rectangular, Red, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2615	29.64	72	5441	---	---
13	Rectangular, Red, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2640	29.64	89	6726	---	---
14	Rectangular, Red, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2680	29.64	112	8464	---	---
15	Rectangular, Red, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2635	29.64	98	7406	---	---
16	Rectangular, Red, 60 mm	---	---	---	7.8 x 3.8 x 2.4	---	2685	29.64	79	5970	---	---

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.

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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.

9195
Dr. M. Mazhar

To: Mr. Sulman
Material Manager, BH Consultants, Garden Town, Lahore.

Project: 4-Storey Commercial Building Construction (Frame Structure) J-Block, Valancia Society, Lahore.

Our Ref. No. CL/CED/ 7846 **Dated:** 26/03/2025 **Test Specification**

Your Ref. No. 035 **Dated:** 26/03/2025 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 26/03/2025 **Tested on:** 26/03/2025 **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	Raft, 5000 Psi (1:1.5:3)	19	3	2025	6Diax12	---	14	28.28	40	3168	---	Non Engraved
2	Raft, 5000 Psi (1:1.5:3)	19	3	2025	6Diax12	---	14	28.28	58	4594	---	Non Engraved
3	Raft, 5000 Psi (1:1.5:3)	19	3	2025	6Diax12	---	13.8	28.28	48	3802	---	Non Engraved
4	Raft, 5000 Psi (1:1.5:3)	19	3	2025	6Diax12	---	14	28.28	90	7129	---	Non Engraved
5	Raft, 5000 Psi (1:1.5:3)	19	3	2025	6Diax12	---	14	28.28	90	7129	---	Non Engraved
6	Raft, 5000 Psi (1:1.5:3)	19	3	2025	6Diax12	---	14	28.28	42	3327	---	Non Engraved
7						---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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