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.

9090
Dr. Umbreen

To: Deputy Director (Engg)
PHA, Lahore.

Project: Construction of Swimming Pool at Gulshan Iqbal Park Lahore.

Our Ref. No. CL/CED/ 7817-2 of 2 **Dated:** 27/03/2025 **Test Specification**

Your Ref. No. DD (Engg.) / PHA / 4361 **Dated:** 11/03/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 12/03/2025 **Tested on:** 27/03/2025 **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	HM	---	---	---	8.9 x 4.1 x 3	3520	3150	36.49	36	2210	11.75	---
2	HM	---	---	---	8.9 x 4.3 x 3	3715	3330	38.27	42	2458	11.56	---
3	HM	---	---	---	8.5 x 4.1 x 3	3515	3230	34.85	44	2828	8.82	---
4	HM	---	---	---	9 x 4.3 x 3	3775	3345	38.7	44	2547	12.86	---
5	HM	---	---	---	8.7 x 4.3 x 3.1	3730	3365	37.41	34	2036	10.85	---
6	HM	---	---	---	8.6 x 4 x 3	3650	3245	34.4	42	2735	12.48	---
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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
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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.

9201
Dr. Umbreen

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/ 7847 **Dated:** 27/03/2025 **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: 27/03/2025 **Tested on:** 27/03/2025 **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, 4000 Psi (1:1.5:3)	19	3	2025	6Diax12	---	13.2	28.28	46	3644	---	Non Engraved
2	Raft, 4000 Psi (1:1.5:3)	19	3	2025	6Diax12	---	14	28.28	46	3644	---	Non Engraved
3	Raft, 4000 Psi (1:1.5:3)	19	3	2025	6Diax12	---	14.2	28.28	50	3960	---	Non Engraved
4	Raft, 4000 Psi (1:1.5:3)	19	3	2025	6Diax12	---	14	28.28	52	4119	---	Non Engraved
5	Raft, 4000 Psi (1:1.5:3)	19	3	2025	6Diax12	---	13.6	28.28	38	3010	---	Non Engraved
6	Raft, 4000 Psi (1:1.5:3)	19	3	2025	6Diax12	---	14	28.28	56	4436	---	Non Engraved
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 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.

8853
Dr. M. Yousaf

To: Engr. Muhammad Farooq Memon
Resident Engineer, Metroplan-Asian JV, Site Office, NSIC Sargodha

Project: Establishment of Nawaz Sharif Institute of Cardiology, Sargodha. (Main Building Retaining Wall, Grid D 1-J, Line 4)

Our Ref. No. CL/CED/ 7848 Dated: 27/03/2025 Test Specification

Your Ref. No. Metrop.-Asian-JV/IDAP-NSIC-LAB/MB-SGD-RE-86 Dated: 30/10/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 06/02/2025 Tested on: 21/03/2025 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	(5000 Psi)	3	10	2024	6Diax12	---	13	28.28	72	5703	---	Non Engraved
2	(5000 Psi)	3	10	2024	6Diax12	---	13.2	28.28	80	6337	---	Non Engraved
3	(5000 Psi)	3	10	2024	6Diax12	---	13.4	28.28	74	5861	---	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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8853
Dr. M. Yousaf

To: Engr. Muhammad Farooq Memon
Resident Engineer, Metroplan-Asian JV, Site Office, NSIC Sargodha

Project: Establishment of Nawaz Sharif Institute of Cardiology, Sargodha. (Main Building Slab K~N/1~4, CJ 03 Height 16' 8")

Our Ref. No. CL/CED/ 7849 Dated: 27/03/2025 Test Specification

Your Ref. No. Metro.-Asian-JV/IDAP-NSIC-LAB/MB-SGD-RE-126 Dated: 12/12/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 06/02/2025 Tested on: 21/03/2025 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)	14	11	2024	6Diax12	---	13.2	28.28	60	4752	---	Non Engraved
2	(4000 Psi)	14	11	2024	6Diax12	---	14.2	28.28	62	4911	---	Non Engraved
3	(4000 Psi)	14	11	2024	6Diax12	---	13.4	28.28	66	5228	---	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)

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

9152
Dr. M. Yousaf

To: Consultant
Takbeer Tower, Takbeer Developers

Project: Construction of Takbeer Tower, McLeod Road, Near Lakshmi Chowk, Lahore

Our Ref. No. CL/CED/ 7850 **Dated:** 27/3/2025 **Test Specification**

Your Ref. No. Nil **Dated:** 19/3/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 19/3/2025 **Tested on:** 27/3/2025 **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	Column	6	3	2025	6Diax12	---	14	28.28	60	4752	---	Non Engraved
2	Column	6	3	2025	6Diax12	---	13.8	28.28	62	4911	---	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.

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

9152
Dr. M. Yousaf

To: Consultant
Takbeer Tower, Takbeer Developers

Project: Construction of Takbeer Tower, McLeod Road, Near Lakshmi Chowk, Lahore

Our Ref. No. CL/CED/ 7851 **Dated:** 27/3/2025 **Test Specification**

Your Ref. No. Nil **Dated:** 19/3/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 19/3/2025 **Tested on:** 27/3/2025 **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	Column	4	3	2025	6Diax12	---	13.6	28.28	62	4911	---	Non Engraved
2	Column	4	3	2025	6Diax12	---	13.8	28.28	51	4040	---	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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9152
Dr. M. Yousaf

To: Consultant
Takbeer Tower, Takbeer Developers

Project: Construction of Takbeer Tower, McLeod Road, Near Lakshmi Chowk, Lahore

Our Ref. No. CL/CED/ 7852 **Dated:** 27/3/2025

Your Ref. No. Nil **Dated:** 19/3/2025

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 19/3/2025 **Tested on:** 27/3/2025 **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	Column	24	2	2025	6Diax12	---	14	28.28	64	5069	---	Non Engraved
2	Column	24	2	2025	6Diax12	---	14	28.28	66	5228	---	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
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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
A carbon copy for the report has been retained in the lab for record.

9152
Dr. M. Yousaf

To: Consultant
Takbeer Tower, Takbeer Developers

Project: Construction of Takbeer Tower, McLeod Road, Near Lakshmi Chowk, Lahore

Our Ref. No. CL/CED/ 7853 **Dated:** 27/3/2025

Your Ref. No. Nil **Dated:** 19/3/2025

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 19/3/2025 **Tested on:** 27/3/2025 **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	Slab	13	3	2025	6Diax12	---	13.8	28.28	40	3168	---	Non Engraved
2	Slab	13	3	2025	6Diax12	---	13.6	28.28	34	2693	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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.

9031
Dr. Umbreen

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

Project: Rehabilitation/ Improvement of Street Pavement, Sewerage/ Drainage Jia Musa, Gulshan Hayat Park, Chaman Colony & Shamas Abad, Shahdra UC-03 & 04, Ravi Zone MCL

Our Ref. No. CL/CED/ 7854 Dated: 27/3/2025 Test Specification

Your Ref. No. 4084/103/LDP/Ravi/04/212 Dated: 24/2/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 04/03/2025 Tested on: 27/3/2025 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	S	---	---	---	9 x 4.3 x 2.9	3580	3165	38.7	32	1852	13.11	---
2	S	---	---	---	8.6 x 4.2 x 2.9	3210	2815	36.12	40	2481	14.03	---
3	S	---	---	---	8.9 x 4.2 x 2.9	3640	3235	37.38	40	2397	12.52	---
4	S	---	---	---	8.9 x 4.3 x 2.8	3620	3190	38.27	32	1873	13.48	---
5	S	---	---	---	9 x 4.4 x 3	3785	3305	39.6	38	2149	14.52	---
6	S	---	---	---	8.9 x 4.3 x 2.8	3540	3135	38.27	41	2400	12.92	---
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.

9099
Dr. Umbreen

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

Project: Rehabilitation/ Improvement of Ehsan Road Faiz Bagh Shahi Road Macca Chowk to Khushi Marriage Ghulam Hussain Park road Shalamar Zone MCL

Our Ref. No. CL/CED/ 7855 Dated: 27/3/2025 Test Specification

Your Ref. No. 4084/103/LDP/SMZ(S-11)/04/34 Dated: 08/03/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 12/03/2025 **Tested on:** 27/3/2025 **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	P	---	---	---	8.7 x 4.2 x 3	3605	3290	36.54	44	2697	9.57	---
2	P	---	---	---	8.8 x 4.3 x 3.2	3625	3240	37.84	42	2486	11.88	---
3	P	---	---	---	9 x 4.3 x 3	3700	3210	38.7	32	1852	15.26	---
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.

9097
Dr. Umbreen

To: Engr. Sheikh Maqbool Hassan
Resident Engineer, Highways & Transportation Engg Division, NESPAK MCL Nishtar Zone, Lhr

Project: Rehabilitation/ Improvement of Streets (P.C.C), Sewerage/ Drainage UC-242 Nishtar Zone MCL

Our Ref. No. CL/CED/ 7856 Dated: 27/3/2025 Test Specification

Your Ref. No. 4084/103/LDP/NZ/04/226 Dated: 22/2/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 12/03/2025 Tested on: 27/3/2025 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	S	---	---	---	8.9 x 4.3 x 3.2	3890	3670	38.27	32	1873	5.99	---
2	S	---	---	---	8.7 x 4.3 x 3	3700	3520	37.41	34	2036	5.11	---
3	S	---	---	---	8.6 x 4.2 x 2.9	3800	3440	36.12	34	2109	10.47	---
4	5SS	---	---	---	8.8 x 4.3 x 3.1	3980	3290	37.84	40	2368	20.97	---
5	5SS	---	---	---	8.9 x 4.2 x 3	3760	3255	37.38	34	2037	15.51	---
6	5SS	---	---	---	8.9 x 4.4 x 3.1	3835	3350	39.16	32	1830	14.48	---
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.

9057
Dr. Umbreen

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

Project: Improvement of Water Supply / Sewerage System, UC-72 Data Gunj Baksh Zone, Lahore

Our Ref. No. CL/CED/ 7857 Dated: 27/3/2025 **Test Specification**

Your Ref. No. LDP/GB-WASA/43101-319 Dated: 04/03/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 06/03/2025 **Tested on:** 27/3/2025 **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	A1	---	---	---	9 x 4.3 x 2.9	3520	3120	38.7	42	2431	12.82	---
2	A1	---	---	---	9 x 4.3 x 3	3565	3090	38.7	30	1736	15.37	---
3	A1	---	---	---	8.9 x 4.3 x 2.9	3670	3245	38.27	40	2341	13.1	---
4	A1	---	---	---	9 x 4.3 x 2.9	3630	3195	38.7	42	2431	13.62	---
5	A1	---	---	---	9 x 4.4 x 3	3745	3290	39.6	40	2263	13.83	---
6	A1	---	---	---	9 x 4.3 x 3	3630	3225	38.7	38	2199	12.56	---
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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**

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.

9057
Dr. Umbreen

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

Project: Improvement of Water Supply / Sewerage System, UC-73 Data Gunj Baksh Zone, Lahore

Our Ref. No. CL/CED/ 7858 Dated: 27/3/2025 **Test Specification**

Your Ref. No. LDP/GB-WASA/43101-320 Dated: 04/03/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 06/03/2025 **Tested on:** 27/3/2025 **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	YD	---	---	---	8.8 x 4.3 x 3	3755	3210	37.84	36	2131	16.98	---
2	YD	---	---	---	8.8 x 4.3 x 3	3695	3240	37.84	40	2368	14.04	---
3	YD	---	---	---	8.8 x 4.3 x 3	3705	3235	37.84	40	2368	14.53	---
4	YD	---	---	---	8.8 x 4.3 x 3	3705	3230	37.84	42	2486	14.71	---
5	YD	---	---	---	8.7 x 4.3 x 3	3610	3170	37.41	42	2515	13.88	---
6	YD	---	---	---	9 x 4.4 x 2.9	3725	3245	39.6	30	1697	14.79	---
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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**

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.

9057
Dr. Umbreen

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

Project: Provision of Water Supply & Sewerage System in Ghulam Hussain Colony and Adjoining Abadis, UC-93 SAMANABAD Zone, Lahore

Our Ref. No. CL/CED/ 7859 Dated: 27/3/2025 Test Specification

Your Ref. No. LDP/GB-WASA/43101-327 Dated: 04/03/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 06/03/2025 **Tested on:** 27/3/2025 **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	YD	---	---	---	9 x 4.3 x 3	3630	3140	38.7	36	2084	15.61	---
2	YD	---	---	---	9 x 4.3 x 3	3675	3205	38.7	34	1968	14.66	---
3	YD	---	---	---	8.8 x 4.3 x 3	3580	3145	37.84	26	1539	13.83	---
4	YD	---	---	---	9 x 4.3 x 3.2	3810	3335	38.7	38	2199	14.24	---
5	YD	---	---	---	9 x 4.4 x 3.1	3775	3365	39.6	28	1584	12.18	---
6	YD	---	---	---	9 x 4.4 x 2.9	3720	3300	39.6	30	1697	12.73	---
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)
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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.

9057
Dr. Umbreen

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

Project: Provision of Water Supply & Sewerage System in Yousaf Nagar and Adjoining Abadis, UC-93 SAMANABAD Zone, Lahore

Our Ref. No. CL/CED/ 7860 **Dated:** 27/3/2025 **Test Specification**

Your Ref. No. LDP/GB-WASA/43101-329 **Dated:** 04/03/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 06/03/2025 **Tested on:** 27/3/2025 **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	YD	---	---	---	8.9 x 4.4 x 3	3770	3220	39.16	34	1945	17.08	---
2	YD	---	---	---	8.6 x 4.4 x 3	3700	3210	37.84	40	2368	15.26	---
3	YD	---	---	---	8.8 x 4.3 x 3	3625	3135	37.84	40	2368	15.63	---
4	YD	---	---	---	8.9 x 4.3 x 3	3615	3115	38.27	36	2107	16.05	---
5	YD	---	---	---	8.8 x 4.3 x 3	3720	3265	37.84	40	2368	13.94	---
6	YD	---	---	---	8.7 x 4.3 x 3	3690	3260	37.41	40	2395	13.19	---
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.

9113
Dr. Umbreen

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

Project: Improvement of Water Supply /Sewerage System, UC-49 Data Gunj Baksh Zone, Lahore

Our Ref. No. CL/CED/ 7861 Dated: 27/3/2025 **Test Specification**

Your Ref. No. LDP/GB-WASA/43101-308 Dated: 27/2//2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 13/3/2025 **Tested on:** 27/3/2025 **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	AF	---	---	---	8.5 x 4.3 x 2.9	3490	3170	36.55	38	2329	10.09	---
2	AF	---	---	---	8.5 x 4.2 x 2.9	3620	3270	35.7	40	2510	10.7	---
3	AF	---	---	---	8.8 x 4.3 x 3	3555	3170	37.84	34	2013	12.15	---
4	AF	---	---	---	8.8 x 4.3 x 3	3490	3085	37.84	40	2368	13.13	---
5	AF	---	---	---	8.8 x 4.4 x 2.9	3400	3045	38.72	40	2314	11.66	---
6	AF	---	---	---	8.8 x 4.4 x 3	3780	3415	38.72	44	2545	10.69	---
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.

9068
Dr. Umbreen

To: Sub Divisional Officer
Buildings Sub Division No. 5, Lahore

Project: Reconstruction of Boundary Wall Government Associate Shah Hussain College Chung Lahore

Our Ref. No. CL/CED/ 7862 Dated: 27/3/2025 Test Specification

Your Ref. No. 4479/5th Dated: 10/01/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 10/03/2025 Tested on: 27/3/2025 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	NB	---	---	---	8.9 x 4.3 x 2.9	3710	3235	38.27	38	2224	14.68	---
2	NB	---	---	---	8.9 x 4.3 x 3.1	3905	3385	38.27	34	1990	15.36	---
3	NB	---	---	---	8.7 x 4.2 x 3	3650	3160	36.54	34	2084	15.51	---
4	NB	---	---	---	9 x 4.3 x 3.2	3905	3410	38.7	36	2084	14.52	---
5	NB	---	---	---	8.9 x 4.3 x 3.1	3750	3280	38.27	34	1990	14.33	---
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.

9068
Dr. Umbreen

To: Sub Divisional Officer
Buildings Sub Division No. 5, Lahore

Project: Const. of Boundary Wall for the Regional Election Commissioner / District Election Commissioner, II & III at Mauza Bhobtian Situated in Overseas Pakistan Housing Scheme Tehsil Raiwind Lhr

Our Ref. No. CL/CED/ 7863 Dated: 27/3/2025 Test Specification

Your Ref. No. 4462/5th Dated: 02/01/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 10/03/2025 Tested on: 27/3/2025 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	SB	---	---	---	8.9 x 4.3 x 3	3835	3340	38.27	32	1873	14.82	---
2	SB	---	---	---	9 x 4.4 x 3	3940	3410	39.6	42	2376	15.54	---
3	SB	---	---	---	8.9 x 4.4 x 3	3845	3345	39.16	44	2517	14.95	---
4	SB	---	---	---	9 x 4.5 x 3	3835	3275	40.5	36	1991	17.1	---
5	SB	---	---	---	8.9 x 4.4 x 2.9	3915	3395	39.16	38	2174	15.32	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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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.

9007
Dr. M. Yousaf

To: Mr. Arshad Hussain
Resident Engineer, Asian Consulting Engineers Pvt. Ltd.
Project: Detailed Design of Infrastructure Sub-Projects, Sectoral Planning & Resident Supervision in 16 Cities of Punjab-Package No.4. Rehabilitation and Improvement of Roads in Vehari City Eastern Zone and Western Zone

Our Ref. No. CL/CED/ 7864 Dated: 27/3/2025 Test Specification

Your Ref. No. AsCE-RHC JV/PMDFC/PKG-04/RE/114 Dated: 30/01/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 28/02/2025 **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	11	---	---	---	9 x 4.3 x 3.2	3660	3190	38.7	39	2257	14.73	---
2	11	---	---	---	9 x 4.3 x 3	3530	3090	38.7	36	2084	14.24	---
3	11	---	---	---	9 x 4.3 x 3	3605	3160	38.7	37	2142	14.08	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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ORIGINAL
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9007
Dr. M. Yousaf

To: Mr. Arshad Hussain
Resident Engineer, Asian Consulting Engineers Pvt. Ltd.

Project: Detailed Design of Infrastructure Sub-Projects, Sectoral Planning & Resident Supervision in 16 Cities of Punjab-Package No.4. Rainwater Drainage Facilities in Vehari City.

Our Ref. No. CL/CED/ 7865 Dated: 27/3/2025 Test Specification

Your Ref. No. AsCE-RHC JV/PMDFC/PKG-04/RE/115 Dated: 30/01/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 28/02/2025 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	11	---	---	---	8.9 x 4.4 x 3	3590	3105	39.16	39	2231	15.62	---
2	11	---	---	---	8.8 x 4.3 x 2.9	3680	3205	37.84	32	1894	14.82	---
3	11	---	---	---	9 x 4.4 x 3	3630	3195	39.6	39	2206	13.62	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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