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.

8956
Engr. A. Rehman

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

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

Our Ref. No. CL/CED/ 7484 **Dated:** 21/02/2025 **Test Specification**

Your Ref. No. #22 **Dated:** 17/2/2025 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 19/02/2025 **Tested on:** 21/02/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	3000 Psi (1:2:4)	8	2	2025	6Diax12	---	13.2	28.28	46	3644	---	Non Engraved
2	3000 Psi (1:2:4)	8	2	2025	6Diax12	---	13.4	28.28	38	3010	---	Non Engraved
3	3000 Psi (1:2:4)	8	2	2025	6Diax12	---	13.2	28.28	40	3168	---	Non Engraved
4	3000 Psi (1:2:4)	8	2	2025	6Diax12	---	13.4	28.28	48	3802	---	Non Engraved
5	3000 Psi (1:2:4)	8	2	2025	6Diax12	---	13.8	28.28	44	3485	---	Non Engraved
6	3000 Psi (1:2:4)	8	2	2025	6Diax12	---	13.4	28.28	44	3485	---	Non Engraved
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
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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.

8880
Engr. A. Rehman

To: IBNA AL AZIZ
117 Ahmad Block, New Garden Town, Lahore.

Project: Sapphire Residence 84-Arif Jan Road Cantt Lahore

Our Ref. No. CL/CED/ 7485 **Dated:** 21/2/2025 **Test Specification**

Your Ref. No. I A A -131253 **Dated:** 11/02/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 11/02/2025 **Tested on:** 21/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	3000 Psi	12	1	2025	6Diax12	---	14	28.28	80	6337	---	Non Engraved
2	3000 Psi	12	1	2025	6Diax12	---	14	28.28	67	5307	---	Non Engraved
3	3000 Psi	12	1	2025	6Diax12	---	14	28.28	72	5703	---	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.

8861
Engr. A. Rehman

To: Mr. Zia-ur-Rauf
Resident Engineer, New Vision Engineering Consultant

Project: Upgradation & Modernization of Pakistan Mint Phase-II A Shalimar Town GT Road Lahore (Roof Slab & Beam Grid (5'/11)~A/D)

Our Ref. No. CL/CED/ 7486 **Dated:** 21/2/2025 **Test Specification**

Your Ref. No. NVEC/RE/PAKMINT/2025/04 **Dated:** 04/02/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 07/02/2025 **Tested on:** 21/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	4000 Psi	27	1	2025	6Diax12	---	13.6	28.28	62	4911	---	Non Engraved
2	4000 Psi	27	1	2025	6Diax12	---	13.4	28.28	60	4752	---	Non Engraved
3	4000 Psi	27	1	2025	6Diax12	---	14	28.28	66	5228	---	Non Engraved
4	4000 Psi	27	1	2025	6Diax12	---	13.4	28.28	52	4119	---	Non Engraved
5	4000 Psi	27	1	2025	6Diax12	---	13.4	28.28	57	4515	---	Non Engraved
6	4000 Psi	27	1	2025	6Diax12	---	13.2	28.28	54	4277	---	Non Engraved
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**

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

8885
Engr. A. Rehman

To: Mr. Abdul Basset
Material Engineer, Banu Mukhtar Contracting (Pvt) Ltd

Project: Burj-1 by AJWA Builders (Main Building 7th Floor Zone 01 & 02, Slab- Pour-4, Grids #B-H'/2-4)

Our Ref. No. CL/CED/ 7487 **Dated:** 21/2/2025 **Test Specification**

Your Ref. No. DOC-BMC/AJWA/182 **Dated:** 12/02/2025 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 12/02/2025 **Tested on:** 21/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	4000 Psi	14	1	2025	6Diax12	---	14	28.28	91	7208	---	Non Engraved
2	4000 Psi	14	1	2025	6Diax12	---	13.6	28.28	72	5703	---	Non Engraved
3	4000 Psi	14	1	2025	6Diax12	---	14.8	28.28	85	6733	---	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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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.

8885
Engr. A. Rehman

To: Mr. Abdul Basset
Material Engineer, Banu Mukhtar Contracting (Pvt) Ltd

Project: Burj-1 by AJWA Builders (Main Building 7th Floor Zone 01 & 02, Slab- Pour-3, Grids #B-H'/2-4)

Our Ref. No. CL/CED/ 7488 **Dated:** 21/2/2025 **Test Specification**

Your Ref. No. DOC-BMC/AJWA/183 **Dated:** 12/02/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/02/2025 **Tested on:** 21/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	4000 Psi	13	1	2025	6Diax12	---	14	28.28	64	5069	---	Non Engraved
2	4000 Psi	13	1	2025	6Diax12	---	14.2	28.28	74	5861	---	Non Engraved
3	4000 Psi	13	1	2025	6Diax12	---	14	28.28	72	5703	---	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
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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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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

8928
Engr. A. Rehman

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

Project: Exhibition Hall (Phase-II Ground Floor Slab 01-04a-(I-N)

Our Ref. No. CL/CED/ 7489 **Dated: 21/2/2025** **Test Specification**

Your Ref. No. EXB-1/140 **Dated: 13/2/2025** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 17/2/2025 **Tested on:** 21/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	3900 Psi	16	1	2025	6Diax12	---	14	28.28	69	5465	---	Engraved
2	3900 Psi	16	1	2025	6Diax12	---	14	28.28	52	4119	---	Engraved
3	3900 Psi	16	1	2025	6Diax12	---	13.6	28.28	35	2772	---	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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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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8928
Engr. A. Rehman

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

Project: Exhibition Hall (Phase-II Ground Floor Slab 01-04a-(I-N)

Our Ref. No. CL/CED/ 7490 **Dated: 21/2/2025** **Test Specification**

Your Ref. No. EXB-1/142 **Dated: 13/2/2025** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 17/2/2025 **Tested on:** 21/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	5100 Psi	16	1	2025	6Diax12	---	14	28.28	83	6574	---	Engraved
2	5100 Psi	16	1	2025	6Diax12	---	14	28.28	72	5703	---	Engraved
3	5100 Psi	16	1	2025	6Diax12	---	14	28.28	74	5861	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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

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

8928
Engr. A. Rehman

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

Project: Exhibition Hall (Phase-II Ground Floor Slab 01-04a-(I-N)

Our Ref. No. CL/CED/ 7491 **Dated: 21/2/2025** **Test Specification**

Your Ref. No. EXB-1/139 **Dated: 13/2/2025** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 17/2/2025 **Tested on:** 21/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	3000 Psi	16	1	2025	6Diax12	---	14	28.28	64	5069	---	Engraved
2	3000 Psi	16	1	2025	6Diax12	---	14	28.28	56	4436	---	Engraved
3	3000 Psi	16	1	2025	6Diax12	---	14	28.28	59	4673	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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

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.

8928
Engr. A. Rehman

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

Project: Exhibition Hall (Phase-II Ground Floor Slab 01-04a-(I-N)

Our Ref. No. CL/CED/ 7492 **Dated: 21/2/2025** **Test Specification**

Your Ref. No. EXB-1/141 **Dated: 13/2/2025** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 17/2/2025 **Tested on:** 21/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	4000 Psi	16	1	2025	6Diax12	---	14	28.28	42	3327	---	Engraved
2	4000 Psi	16	1	2025	6Diax12	---	14	28.28	48	3802	---	Non Engraved
3	4000 Psi	16	1	2025	6Diax12	---	13.6	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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**

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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.

8928
Engr. A. Rehman

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

Project: Exhibition Hall (Column=04b-(F1-F2), 04b-(F3)-3rd Step, Column=04a-04b-(H3)-4th Step)

Our Ref. No. CL/CED/ 7493 Dated: 21/2/2025

Your Ref. No. EXB-1/145 Dated: 13/2/2025

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 17/2/2025 Tested on: 21/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	4000 Psi	6	2	2025	6Diax12	---	13.4	28.28	46	3644	---	Non Engraved
2	4000 Psi	6	2	2025	6Diax12	---	14	28.28	47	3723	---	Non Engraved
3	4000 Psi	6	2	2025	6Diax12	---	14	28.28	44	3485	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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.

8928
Engr. A. Rehman

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

Project: Exhibition Hall (Wall=02-04a-(A), 04a-(A-F), Wall=04a-(J2-K1), N-(03-04), 03-04-(N) W- 2nd Step, Beam=04b-(H2-H3-H3)+27'-6"

Our Ref. No. CL/CED/ 7494 Dated: 21/2/2025 Test Specification

Your Ref. No. EXB-1/144 Dated: 13/2/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 17/2/2025 **Tested on:** 21/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	3900 Psi	6	2	2025	6Diax12	---	13.6	28.28	40	3168	---	Non Engraved
2	3900 Psi	6	2	2025	6Diax12	---	13.2	28.28	48	3802	---	Non Engraved
3	3900 Psi	6	2	2025	6Diax12	---	13.8	28.28	52	4119	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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

Plain and Reinforced Concrete Laboratory
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

8928
Engr. A. Rehman

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

Project: Exhibition Hall (Column=04b-(F1-F2), 04b-(F3)-3rd Step, Column=04a-04b-(H3)-4th Step

Our Ref. No. CL/CED/ 7495 Dated: 21/2/2025

Your Ref. No. EXB-1/146 Dated: 13/2/2025

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 17/2/2025 Tested on: 21/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	5100 Psi	6	2	2025	6Diax12	---	13.8	28.28	57	4515	---	Non Engraved
2	5100 Psi	6	2	2025	6Diax12	---	14	28.28	74	5861	---	Non Engraved
3	5100 Psi	6	2	2025	6Diax12	---	14	28.28	50	3960	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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ORIGINAL
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8928
Engr. A. Rehman

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

Project: Exhibition Hall (Wall=02-04a-(A), 04a-(A-F), Wall=04a-(J2-K1), N-(03-04), 03-04-(N) W- 2nd Step, Beam=04b-(H2-H3-H3)+27'-6"

Our Ref. No. CL/CED/ 7496 **Dated:** 21/2/2025 **Test Specification**

Your Ref. No. EXB-1/143 **Dated:** 13/2/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 17/2/2025 **Tested on:** 21/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	3000 Psi	6	2	2025	6Diax12	---	13.6	28.28	52	4119	---	Non Engraved
2	3000 Psi	6	2	2025	6Diax12	---	14.6	28.28	54	4277	---	Non Engraved
3	3000 Psi	6	2	2025	6Diax12	---	14	28.28	50	3960	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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.

8904
Engr. A. Rehman

To: Lt. Col. (R) Muhammad Ibrahim
Senior Estate Engineer, Sundar Industrial Estate

Project: Tender of Development of LG Workshop (Column & Foundation)

Our Ref. No. CL/CED/ 7497 **Dated:** 21/2/2025 **Test Specification**

Your Ref. No. BOM/SIE/BCD/2-25/520 **Dated:** 13/2/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 13/2/2025 **Tested on:** 21/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	---	29	1	2025	6Diax12	---	13.6	28.28	44	3485	---	Engraved
2	---	29	1	2025	6Diax12	---	13.6	28.28	38	3010	---	Engraved
3	---	29	1	2025	6Diax12	---	13.8	28.28	40	3168	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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.

8925
Engr. A. Rehman

To: Engr. Arfan Ullah
Assistant Engineer Civil, National Skills University Islamabad

Project: Construction of the Administration Block at National Skills University Islamabad Muridke Campus

Our Ref. No. CL/CED/ 7498 Dated: 21/2/2025 Test Specification

Your Ref. No. NSU/Admin-Block/2023/17 Dated: 13/2/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 17/2/2025 Tested on: 21/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Footing	25	1	2025	6x6x6	---	8.4	36	44	2738	---	Non Engraved
2	Footing	25	1	2025	6x6x6	---	8	36	32	1991	---	Non Engraved
3	Footing	25	1	2025	6x6x6	---	8.6	36	48	2987	---	Non Engraved
4	Columns (Ground Floor)	25	1	2025	6x6x6	---	8.2	36	83	5164	---	Non Engraved
5	Columns (Ground Floor)	25	1	2025	6x6x6	---	8.4	36	95	5911	---	Non Engraved
6	Columns (Ground Floor)	25	1	2025	6x6x6	---	8.6	36	93	5787	---	Non Engraved
7	Plinth Beam	25	1	2025	6x6x6	---	8.8	36	72	4480	---	Non Engraved
8	Plinth Beam	25	1	2025	6x6x6	---	9	36	96	5973	---	Non Engraved
9	Plinth Beam	25	1	2025	6x6x6	---	8.8	36	81	5040	---	Non Engraved
10	Columns (Ground Floor)	25	1	2025	6x6x6	---	8.2	36	48	2987	---	Non Engraved
11	Columns (Ground Floor)	25	1	2025	6x6x6	---	8.4	36	48	2987	---	Non Engraved
12	Columns (Ground Floor)	25	1	2025	6x6x6	---	8.2	36	53	3298	---	Non Engraved
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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

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

8934
Engr. A. Rehman

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

Project: Rehabilitation / Improvement of Street Pavement, Sewerage / Drainage UC 17 Ravi Zone MCL

Our Ref. No. CL/CED/ 7499 **Dated:** 21/02/2025 **Test Specification**

Your Ref. No. 4084/103/LDP/Ravi/04/170 **Dated:** 13/02/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 18/02/2025 **Tested on:** 21/02/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	---	7	2	2025	6x6x6	---	8.2	36	55	3422	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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

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

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

8863
Engr. A. Rehman

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

Project: Rehabilitation / Improvement of Street (P.C.C.), Sewerage/Drainage UC 79(B), 80, 100 & 104 Samanabad Zone, MCL.

Our Ref. No. CL/CED/ 7500 Dated: 21/2/2025 Test Specification

Your Ref. No. 4084/103/LDP/Samanabad/04/24 Dated: 25/1/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 07/02/2025 Tested on: 21/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	F16	---	---	---	8.9 x 4.4 x 3.1	3870	3460	39.16	35	2002	11.85	---
2	F16	---	---	---	8.8 x 4.3 x 2.9	3755	3330	37.84	34	2013	12.76	---
3	F16	---	---	---	9 x 4.4 x 3	3790	3345	39.6	35	1980	13.3	---
4	F16	---	---	---	8.9 x 4.3 x 3.1	3870	3440	38.27	38	2224	12.5	---
5	F16	---	---	---	8.8 x 4.3 x 3	3960	3505	37.84	40	2368	12.98	---
6	F16	---	---	---	8.9 x 4.2 x 3	3720	3370	37.38	40.5	2427	10.39	---
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.

8893
Engr. A. Rehman

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

Project: An Extra Sheet attached for Scheme Details (U.C-9, U.C-13-14, U.C-3)

Our Ref. No. CL/CED/ 7501 **Dated:** 21/2/2025 **Test Specification**

Your Ref. No. 4084/103/LDP/Ravi/04/ **Dated:** 06/02/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 12/02/2025 **Tested on:** 21/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	H	---	---	---	8.6 x 4.3 x 3	3700	3280	36.98	41	2484	12.8	---
2	H	---	---	---	8.6 x 4.4 x 3	3765	3335	37.84	40.75	2412	12.89	---
3	H	---	---	---	8.6 x 4.2 x 3	3570	3250	36.12	42	2605	9.85	---
4	H	---	---	---	8.5 x 4.2 x 3	3740	3335	35.7	42.5	2667	12.14	---
5	H	---	---	---	8.5 x 4 x 2.9	3485	3215	34	38	2504	8.4	---
6	H	---	---	---	8.5 x 4.1 x 3	3700	3270	34.85	42	2700	13.15	---
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.

8888
Engr. A. Rehman

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

Project: Rehabilitation/ Improvement of Street (P.C.C.), Sewerage/ Drainage, UC 75, 76, Samanabad Zone, MCL

Our Ref. No. CL/CED/ 7502 Dated: 21/2/2025 Test Specification

Your Ref. No. 4084/103/LDP/Samanabad/04/20 Dated: 03/02/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 12/02/2025 Tested on: 21/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	M	---	---	---	8.8 x 4.3 x 3	3380	2985	37.84	23	1362	13.23	---
2	M	---	---	---	8.9 x 4.3 x 3	3445	3035	38.27	17.5	1024	13.51	---
3	M	---	---	---	8.8 x 4.2 x 3	3365	2960	36.96	27.25	1652	13.68	---
4	M	---	---	---	8.8 x 4.2 x 2.9	3395	2980	36.96	28	1697	13.93	---
5	M	---	---	---	8.7 x 4.2 x 2.9	3215	2820	36.54	31	1900	14.01	---
6	M	---	---	---	8.5 x 4.1 x 2.9	3150	2895	34.85	29	1864	8.81	---
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.

8839
Dr. M. Yousaf

To: Khan & Company
Tehsil and District, Sahiwal.

Project: Solar MV, LV Room Reon Energy Limited at Fatima Fertilizer Sheikhupura

Our Ref. No. CL/CED/ 7503 **Dated:** 21/2/2025 **Test Specification**

Your Ref. No. FF-01/050225 **Dated:** 05/02/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 06/02/2025 **Tested on:** 21/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	SS	---	---	---	8.5 x 4.1 x 2.9	3190	2845	34.85	35	2250	12.13	---
2	SS	---	---	---	8.7 x 4.3 x 3	3360	2995	37.41	22	1317	12.19	---
3	SS	---	---	---	8.5 x 4.2 x 2.9	3120	2755	35.7	29	1820	13.25	---
4	SS	---	---	---	8.5 x 4.2 x 3	3245	2875	35.7	29	1820	12.87	---
5	SS	---	---	---	8.5 x 4.2 x 2.9	3090	2785	35.7	34	2133	10.95	---
6	SS	---	---	---	8.5 x 4.2 x 2.9	3205	2870	35.7	35	2196	11.67	---
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.

8836
Dr. M. Yousaf

To: Mr. Abid Azim
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd
Project: Rehabilitation/ Improvement of Roads Begum Kot, Shandra DC 01 Ravi Zone MCL & Street Pavement, Sewerage/Drainage Bukhari Park, Flour Mills Area & Power House, Dhaizo, Rasul Park, Siraj Park, Paracaha Colony, Qazi Park, Ghoray Shah

Our Ref. No. CL/CED/ 7504 Dated: 21/2/2025 Test Specification

Your Ref. No. 4084/103/LDP/Ravi/04/134 Dated: 04/02/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 04/02/2025 **Tested on:** 21/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	HR	---	---	---	8.8 x 4.2 x 2.9	3415	3070	36.96	34	2061	11.24	---
2	HR	---	---	---	8.7 x 4.2 x 2.8	3425	3075	36.54	27	1655	11.38	---
3	HR	---	---	---	8.8 x 4.3 x 3	3395	3020	37.84	26	1539	12.42	---
4	HR	---	---	---	8.5 x 4.3 x 3	3700	3170	36.55	34	2084	16.72	---
5	HR	---	---	---	8.8 x 4.3 x 2.9	3540	3145	37.84	24	1421	12.56	---
6	HR	---	---	---	8.9 x 4.3 x 3	3550	3155	38.27	34	1990	12.52	---
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
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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.

8890
Dr. M. Yousaf

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

Project: Restoration/ Improvement of Road From Kot Radha Kishan to Kasur, Length = 7.00 Km in District Kasur

Our Ref. No. CL/CED/ 7505 Dated: 21/2/2025 Test Specification

Your Ref. No. 4084/103/MUR/104/22 Dated: 10/02/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 12/02/2025 Tested on: 21/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	R1	---	---	---	8.3 x 4.1 x 2.8	3305	3070	34.03	36	2370	7.65	---
2	R1	---	---	---	8.5 x 4.2 x 2.7	3320	3020	35.7	39	2447	9.93	---
3	R1	---	---	---	8.5 x 4.2 x 2.9	3330	3045	35.7	33	2071	9.36	---
4	R1	---	---	---	8.7 x 4.2 x 3	3315	2990	36.54	37	2268	10.87	---
5	R1	---	---	---	8.5 x 4.2 x 2.9	3380	3040	35.7	35	2196	11.18	---
6	R1	---	---	---	8.6 x 4.1 x 3	3325	2990	35.26	27	1715	11.2	---
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
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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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.

8865
Dr. M. Yousaf

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

Project: Repair and Improvement for Madina Furniture House Road Ichra Furniture Market Link Ferozepur Road (Samanabad Zone) Lahore (MCL Projects)

Our Ref. No. CL/CED/ 7506 Dated: 21/2/2025 Test Specification

Your Ref. No. 4084/103/MUR/104/1918 Dated: 10/01/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 10/02/2025 Tested on: 21/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	5	---	---	---	8.5 x 4.1 x 2.9	3445	3200	34.85	39	2507	7.66	---
2	5	---	---	---	8.8 x 4.3 x 3	3495	3195	37.84	38	2249	9.39	---
3	5	---	---	---	8.8 x 4.2 x 3	3640	3265	36.96	36	2182	11.49	---
4	5	---	---	---	8.8 x 4.2 x 3	3540	3200	36.96	35	2121	10.63	---
5	5	---	---	---	8.8 x 4.3 x 3	3585	3210	37.84	38	2249	11.68	---
6	5	---	---	---	8.9 x 4.4 x 3	3570	3260	39.16	38	2174	9.51	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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

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

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

8897
Dr. M. Yousaf

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

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

Our Ref. No. CL/CED/ 7507 Dated: 21/2/2025 Test Specification

Your Ref. No. AE(LG&CD)-2025/20 Dated: 12/02/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 13/02/2025 Tested on: 21/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	AS	---	---	---	9 x 4.2 x 3	---	3480	37.8	35	2074	---	---
2	AS	---	---	---	9 x 4.1 x 2.9	---	3320	36.9	37	2246	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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

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.

8813
Dr. M. Yousaf

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

Project: Rehabilitation/ Improvement of Road Sadatt Colony Ali Pura, Sana Khan Park, Mian Park, Alim Colony, Hanif Park and Muhammadia Colony, UC-18 Ravi Zone MCL

Our Ref. No. CL/CED/ 7508 Dated: 21/2/2025 Test Specification

Your Ref. No. 4084/103/LDP/Ravi/04/131 Dated: 03/02/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 03/02/2025 Tested on: 21/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	K3	---	---	---	8.8 x 4.2 x 2.8	3720	3325	36.96	38	2303	11.88	---
2	K3	---	---	---	9 x 4.3 x 3	3695	3445	38.7	29	1679	7.26	---
3	K3	---	---	---	8.9 x 4.3 x 3	3710	3415	38.27	32	1873	8.64	---
4	K3	---	---	---	8.8 x 4.2 x 3	3715	3440	36.96	36	2182	7.99	---
5	K3	---	---	---	8.7 x 4.2 x 3	3695	3430	36.54	36	2207	7.73	---
6	K3	---	---	---	8.8 x 4.1 x 3	3700	3405	36.08	35	2173	8.66	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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.

8895
Engr. A. Rehman

To: Mr. Hamid Shah
Procurement Manager, Ravi Construction Company.

Project: Repetify (Novatex) Plant - Sheikhupura.

Our Ref. No. CL/CED/ 7509 **Dated:** 21/02/2025 **Test Specification**

Your Ref. No. UET/RCC/043/25 **Dated:** 12/02/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 12/02/2025 **Tested on:** 21/02/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4435	37.39	101	6051	---	---
2	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4440	37.39	107	6410	---	---
3	Uni-Block, Red, 80mm	---	---	---	3.2 thick	---	4285	37.39	122	7309	---	---
4	Uni-Block, Red, 80mm	---	---	---	3.2 thick	---	4365	37.39	117	7009	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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