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.

8854
Engr. A. Rehman

To: Amna Iftikhar
100-B-III, Gulberg III, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 7280 **Dated:** 07/02/2025 **Test Specification**

Your Ref. No. CT/GF/01 **Dated:** 06/02/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 07/02/2025 **Tested on:** 07/02/2025 **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	Footing	24	1	2025	6Diax12	---	13.6	28.28	34	2693	---	Non Engraved
2	Footing	24	1	2025	6Diax12	---	13.2	28.28	20	1584	---	Non Engraved
3	Footing	25	1	2025	6Diax12	---	13.6	28.28	38	3010	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

ORIGINAL
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8758
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 (Slab Roof & Beam Grid (11A/16')~A/D; Block-I Column B.B. to Roof Slab)

Our Ref. No. CL/CED/ 7281 Dated: 02/07/2025 Test Specification

Your Ref. No. NVEC/RE/PAKMINT/2025/01 Dated: 09/01/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 27/1/2025 Tested on: 07/02/2025 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	5000 Psi	1	1	2025	6Diax12	---	14	28.28	81	6416	---	Non Engraved
2	5000 Psi	1	1	2025	6Diax12	---	13.2	28.28	64	5069	---	Non Engraved
3	5000 Psi	1	1	2025	6Diax12	---	14	28.28	74	5861	---	Non Engraved
4	4000 Psi	1	1	2025	6Diax12	---	14	28.28	64	5069	---	Non Engraved
5	4000 Psi	1	1	2025	6Diax12	---	14.4	28.28	60	4752	---	Non Engraved
6	4000 Psi	1	1	2025	6Diax12	---	14	28.28	81	6416	---	Non Engraved
7	4000 Psi	1	1	2025	6Diax12	---	13.8	28.28	72	5703	---	Non Engraved
8	4000 Psi	1	1	2025	6Diax12	---	13.6	28.28	66	5228	---	Non Engraved
9	4000 Psi	1	1	2025	6Diax12	---	14	28.28	79	6257	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
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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.

8830
Engr. A. Rehman

To: Resident Engineer
For M/S HA Consulting JV M/S Mascon Associates

Project: Construction of Autism School, Lahore (Roof Slab & Beams)

Our Ref. No. CL/CED/ 7282 Dated: 07/02/2025 Test Specification

Your Ref. No. HAC-MAC/24/ECAS/Lab/008 Dated: 30/1/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04/02/2025 Tested on: 07/02/2025 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	---	3	1	2025	6Diax12	---	13.6	28.28	29	2297	---	Non Engraved
2	---	3	1	2025	6Diax12	---	13.4	28.28	18	1426	---	Non Engraved
3	---	3	1	2025	6Diax12	---	13.4	28.28	18	1426	---	Non Engraved
4	---	3	1	2025	6Diax12	---	13.6	28.28	30	2376	---	Non Engraved
5	---	3	1	2025	6Diax12	---	13	28.28	16	1267	---	Non Engraved
6	---	3	1	2025	6Diax12	---	13	28.28	17	1347	---	Non Engraved
7		20	1	2025	6Diax12	---	13.4	28.28	13	1030	---	Non Engraved
8	---	20	1	2025	6Diax12	---	13.4	28.28	15	1188	---	Non Engraved
9	---	20	1	2025	6Diax12	---	14	28.28	15	1188	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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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
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ORIGINAL
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8825
Engr. A. Rehman

To: Mr. Aftab Ahmad
Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.), (DATA GANJ BAKHSH) Lahore

Our Ref. No. CL/CED/ 7283 Dated: 07/02/2025 Test Specification

Your Ref. No. 4580/13/AA/01/07 Dated: 29/1/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04/02/2025 Tested on: 07/02/2025 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	Conc.Cyl.(Pile # 7) "C" 4000 Psi	22	1	2025	6Diax12	---	14	28.28	26	2059	---	Non Engraved
2	Conc.Cyl.(Pile # 7) "C" 4000 Psi	22	1	2025	6Diax12	---	13.8	28.28	34	2693	---	Non Engraved
3	Conc.Cyl.(Pile # 7) "C" 4000 Psi	22	1	2025	6Diax12	---	13.2	28.28	46	3644	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

ORIGINAL
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8825
Engr. A. Rehman

To: Mr. Aftab Ahmad
Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.), (DATA GANJ BAKHSH) Lahore

Our Ref. No. CL/CED/ 7284 Dated: 02/07/2025 Test Specification

Your Ref. No. 4580/13/AA/01/06 Dated: 28/01/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04/02/2025 Tested on: 07/02/2025 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	Conc.Cyl.(Pile # 9 & 16) "C" 4000 Psi	21	1	2025	6Diax12	---	13.8	28.28	44	3485	---	Non Engraved
2	Conc.Cyl.(Pile # 9 & 16) "C" 4000 Psi	21	1	2025	6Diax12	---	14	28.28	60	4752	---	Non Engraved
3	Conc.Cyl.(Pile # 9 & 16) "C" 4000 Psi	21	1	2025	6Diax12	---	13.4	28.28	39	3089	---	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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Engr. A. Rehman

To: Mr. Aftab Ahmad
Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.), (DATA GANJ BAKHSH) Lahore

Our Ref. No. CL/CED/ 7285 Dated: 07/02/2025 Test Specification

Your Ref. No. 4580/13/AA/01/08 Dated: 31/01/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04/02/2025 Tested on: 07/02/2025 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	Conc.Cyl.(Pile # 3) "C" 4000 Psi	24	1	2025	6Diax12	---	13.4	28.28	44	3485	---	Non Engraved
2	Conc.Cyl.(Pile # 3) "C" 4000 Psi	24	1	2025	6Diax12	---	14	28.28	61	4832	---	Non Engraved
3	Conc.Cyl.(Pile # 3) "C" 4000 Psi	24	1	2025	6Diax12	---	14.2	28.28	68	5386	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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8825
Engr. A. Rehman

To: Mr. Aftab Ahmad
Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.), (DATA GANJ BAKHSH) Lahore

Our Ref. No. CL/CED/ 7286 Dated: 07/02/2025 Test Specification

Your Ref. No. 4580/13/AA/01/05 Dated: 26/01/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04/02/2025 Tested on: 07/02/2025 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	Conc.Cyl.(Pile # 1) "C" 4000 Psi	19	1	2025	6Diax12	---	13.6	28.28	60	4752	---	Non Engraved
2	Conc.Cyl.(Pile # 1) "C" 4000 Psi	19	1	2025	6Diax12	---	14	28.28	73	5782	---	Non Engraved
3	Conc.Cyl.(Pile # 1) "C" 4000 Psi	19	1	2025	6Diax12	---	13.2	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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ORIGINAL
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8805
Engr. A. Rehman

To: Mr. Zahir Ullah
Sub Engineer-I, Works Division, SUPARCO, Lahore.

Project: Construction of Vehicle RCC Parking Sheds at SRDCL

Our Ref. No. CL/CED/ 7287 Dated: 07/02/2025 Test Specification

Your Ref. No. 63301(4102) Works/Div/SRDC-L Dated: 31/1/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 31/1/2025 Tested on: 07/02/2025 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	RCC Footing (3500 Psi)	2	1	2025	6Diax12	---	13.4	28.28	50	3960	---	Non Engraved
2	RCC Footing (3500 Psi)	2	1	2025	6Diax12	---	13.6	28.28	43	3406	---	Non Engraved
3	RCC Footing (3500 Psi)	2	1	2025	6Diax12	---	13.4	28.28	48	3802	---	Non Engraved
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Witnessed by:

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

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

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

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

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

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

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

8815
Dr. Umbreen

To: Mr. WALEED
Resident Engineer, GIM Developers, New Garden Town, Lahore

Project: Construction of Plaza at 51 Baber Block, New Garden Town Lahore

Our Ref. No. CL/CED/ 7288 **Dated:** 07/02/2025 **Test Specification**

Your Ref. No. Nil **Dated:** Nil (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 3/2/2025 **Tested on:** 06/02/2025 **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	Ground Floor Slab (3000 Psi)	6	1	2025	6Diax12	---	13.4	28.28	44	3485	---	Non Engraved
2	Ground Floor Slab (3000 Psi)	6	1	2025	6Diax12	---	13.6	28.28	33	2614	---	Non Engraved
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Witnessed by:

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

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

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

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

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

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

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

8803
Dr. Umbreen

To: Mr. Aziz ur Rehman
Assistant Resident Engineer, ACE Architectural & Town Planning Services Limited

Project: Resident Construction Supervision for Construction of Net Zero Energy Building (ACEIP, DLI-8), Lahore (Concrete Mix Design Trial, Admixture Fospak 568)

Our Ref. No. CL/CED/ 7289 **Dated:** 07/02/2025 **Test Specification**

Your Ref. No. NZEB/ACE/LAB/2025/10 **Dated:** 31/1/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 31/1/2025 **Tested on:** 06/02/2025 **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	Lab Curing (4000 Psi)	17	1	2025	6Diax12	---	14	28.28	68	5386	---	Non Engraved
2	Lab Curing (4000 Psi)	17	1	2025	6Diax12	---	14	28.28	62	4911	---	Non Engraved
3	Lab Curing (4000 Psi)	17	1	2025	6Diax12	---	14.2	28.28	72	5703	---	Non Engraved
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Witnessed by:

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

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

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

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

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

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

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

8777
Dr. Umbreen

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

Project: Construction of Gated Head Regulators from RD. 205+000 to 283+000 of BRBD Link Canal (Package-C) (At H/R RD. 263+000/L Downstream Stilling Basin/Cistern End Right Side Wing Walls

Our Ref. No. CL/CED/ 7290 **Dated:** 07/02/2025 **Test Specification**

Your Ref. No. 18/Camp **Dated:** 25/1/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 29/1/2025 **Tested on:** 06/02/2025 **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	263+000/L (1:1.45:2.20)	30	12	2024	6Diax12	---	14	28.28	70	5545	---	Non Engraved
2	263+000/L (1:1.45:2.20)	30	12	2024	6Diax12	---	13.8	28.28	77	6099	---	Non Engraved
3	263+000/L (1:1.45:2.20)	30	12	2024	6Diax12	---	14	28.28	75	5941	---	Non Engraved
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Witnessed by:

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

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

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

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

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

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

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

8783
Dr. Umbreen

To: Mr. SAAD
Manager Planning and Development, NOON Developers & Marketing, New Muslim Town, Lahore

Project: Construction of Canal Heights 3-B, Block B, Noon Avenue, New Muslim Town, Lahore

Our Ref. No. CL/CED/ 7291 **Dated:** 07/02/2025 **Test Specification**

Your Ref. No. CH/ST/03/25 **Dated:** 28/1/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 29/1/2025 **Tested on:** 06/02/2025 **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	Column Concrete 5000 Psi (A)	19	1	2025	6Diax12	---	13.6	28.28	54	4277	---	Non Engraved
2	Column Concrete 5000 Psi (A)	19	1	2025	6Diax12	---	14	28.28	46	3644	---	Non Engraved
3	Column Concrete 5000 Psi (B)	19	1	2025	6Diax12	---	13.8	28.28	54	4277	---	Non Engraved
4	Column Concrete 5000 Psi (B)	19	1	2025	6Diax12	---	13.8	28.28	53	4198	---	Non Engraved
5	Column Concrete 5000 Psi (A)	12	1	2025	6Diax12	---	14.2	28.28	52	4119	---	Non Engraved
6	Column Concrete 5000 Psi (A)	12	1	2025	6Diax12	---	14	28.28	60	4752	---	Non Engraved
7	Column Concrete 5000 Psi (B)	12	1	2025	6Diax12	---	14	28.28	58	4594	---	Non Engraved
8	Column Concrete 5000 Psi (B)	12	1	2025	6Diax12	---	13.8	28.28	53	4198	---	Non Engraved
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Witnessed by:

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

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

8814
Dr. Umbreen

To: Project Manager
On Behalf of M/S Stridge Construction Company, Johar Town, Lahore

Project: The Mark Tower at Finance & Trade Centre- Johar Town, Lahore

Our Ref. No. CL/CED/ 7292 Dated: 07/02/2025 Test Specification

Your Ref. No. OUT-L-010-TMT-006 Dated: 03/02/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 3/2/2025 Tested on: 06/02/2025 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	Raft-Curing Compound (6 Ksi)	3	1	2025	6Diax12	---	14.4	28.28	115	9109	---	Non Engraved
2	Raft-Curing Compound (6 Ksi)	3	1	2025	6Diax12	---	14.4	28.28	100	7921	---	Non Engraved
3	Raft-Curing Compound (6 Ksi)	3	1	2025	6Diax12	---	14.6	28.28	95	7525	---	Non Engraved
4	Raft-Water Tank (6 Ksi)	3	1	2025	6Diax12	---	14	28.28	100	7921	---	Non Engraved
5	Raft-Water Tank (6 Ksi)	3	1	2025	6Diax12	---	14.4	28.28	107	8475	---	Non Engraved
6	Raft-Water Tank (6 Ksi)	3	1	2025	6Diax12	---	14.2	28.28	115	9109	---	Non Engraved
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Witnessed by:

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

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

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

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

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

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

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

8786
Dr. Umbreen

To: Mr. M. Yasir Kiani
Resident Engineer, JCP WAHGA, Architectural & Planning Division, NESPAK (Pvt) Ltd

Project: Relocation and Enhancement of Wahga Border Flagpole

Our Ref. No. CL/CED/ 7293 **Dated:** 07/02/2025 **Test Specification**

Your Ref. No. 4749/031/YK/01/120 **Dated:** 29/1/2025 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 29/1/2025 **Tested on:** 06/02/2025 **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	22	12	2024	6Diax12	---	14	28.28	44	3485	---	Engraved
2	3000 Psi	22	12	2024	6Diax12	---	14	28.28	40	3168	---	Engraved
3	3000 Psi	22	12	2024	6Diax12	---	14.2	28.28	34	2693	---	Engraved
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Witnessed by:

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

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

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

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

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

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

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

8712
Dr. M. Yousaf

To: Engr. Aziz-ur-Rehman
Assistant Resident Engineer, ACE-Arts, Net Zero Energy Building (ACEIP, DLI-8) Gulberg III Lhr

Project: Resident Construction Supervision for Construction of Net Zero Energy Building (ACEIP, DLI-8) Lahore. (Admixture: Expanlast WP200)

Our Ref. No. CL/CED/ 7294 Dated: 07/02/2025 Test Specification

Your Ref. No. NZEB/ACE/LAB/2025/03 Dated: 17/1/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20/1/2025 **Tested on:** 03/02/2025 **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	Lab Curing (5000 Psi)	10	1	2025	6Diax12	---	13.6	28.28	60	4752	---	Non Engraved
2	Lab Curing (5000 Psi)	10	1	2025	6Diax12	---	13.8	28.28	78	6178	---	Non Engraved
3	Lab Curing (5000 Psi)	10	1	2025	6Diax12	---	13.8	28.28	84	6653	---	Non Engraved
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Witnessed by:

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

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

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

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

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

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

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

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

8794
Dr. M. Yousaf

To: Mr. Maqsood Ahmad
Quantity Surveyor, Professional Construction Services (Pvt) Ltd

Project: Construction of TCF Secondary School Basti Arain Tehsil Ahmedpur Bahawalpur

Our Ref. No. CL/CED/ 7295 **Dated:** 07/02/2025 **Test Specification**

Your Ref. No. PCS/25/Eng-9-A **Dated:** 27/1/2025 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 30/1/2025 **Tested on:** 03/02/2025 **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	1st Floor Slab	28	12	2024	6Diax12	---	13.2	28.28	42	3327	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

8794
Dr. M. Yousaf

To: Mr. Maqsood Ahmad
Quantity Surveyor, Professional Construction Services (Pvt) Ltd

Project: Construction of TCF Secondary School Basti Arain Tehsil Ahmedpur Bahawalpur

Our Ref. No. CL/CED/ 7296 **Dated:** 07/02/2025 **Test Specification**

Your Ref. No. PCS/25/Eng-9-B **Dated:** 27/1/2025 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 30/1/2025 **Tested on:** 07/02/2025 **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	1st Floor Slab	28	12	2024	6Diax12	---	13.6	28.28	70	5545	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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

Plain and Reinforced Concrete Laboratory
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.

8776
Dr. M. Yousaf

To: Mr. Muhammad Ehtesham Uddin, Project Manager
Mr. Mazhar Abbas, Site Engineer; kinetic, DHA Lahore

Project: Construction of a Building at Ferozepur Road, Lahore

Our Ref. No. CL/CED/ 7297 **Dated: 07/02/2025** **Test Specification**

Your Ref. No. Nil **Dated: 28/1/2025** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 29/1/2025 **Tested on:** 03/02/2025 **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	Slab	22	12	2024	6Diax12	---	13	28.28	42	3327	---	Non Engraved
2	Slab	22	12	2024	6Diax12	---	13	28.28	47	3723	---	Non Engraved
3	Slab	22	12	2024	6Diax12	---	13	28.28	37	2931	---	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.

8840
Engr. A. Rehman

To: Engr. Abrar Ahmed
Divisional Engineer (Civil), Engineering Services Maintenance & Development, PAA, AIIAP, Lhr

Project: Replacement of GI Sheet Roofing with RCC Slabs Addition/Alteration Works in CAMB and Water Proofing of All Offices at Ex-RD Block at AIIAP, Lahore

Our Ref. No. CL/CED/ 7298 Dated: 07/02/2025 Test Specification

Your Ref. No. AIIAP/1659-01/059/LACV/IV/95 Dated: 04/02/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 06/02/2025 Tested on: 07/02/2025 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	---	4	1	2025	6x6x6	---	9	36	85	5289	---	Engraved
2	---	4	1	2025	6x6x6	---	8.8	36	74	4604	---	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)

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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.

8808
Engr. A. Rehman

To: Mr. Tanveer Humayun
A. Architect, Fortress Square Service (Pvt) Ltd & Dupak Developers Pakistan (Pvt) Ltd

Project: Extension of Top Roof at Fortress Square Mall, Lahore (Columns 770 Level at grid E/6, 7, 8)

Our Ref. No. CL/CED/ 7299 **Dated:** 07/02/2025 **Test Specification**

Your Ref. No. Fs/Rcc/01/27 **Dated:** 30/1/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 03/02/2025 **Tested on:** 07/02/2025 **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	4000 Psi	23	1	2025	6x6x6	---	8.6	36	85	5289	---	Engraved
2	4000 Psi	23	1	2025	6x6x6	---	8.8	36	103	6409	---	Engraved
3	4000 Psi	23	1	2025	6x6x6	---	9	36	101	6284	---	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)
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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

8809
Engr. A. Rehman

To: M. Yousaf & Company
Chungi Amar Sadhu, Lahore.

Project: Construction of TCF Primary School Qila Mian Singh Gujranwala (Ground Floor Slab)

Our Ref. No. CL/CED/ 7300 **Dated:** 07/02/2025 **Test Specification**

Your Ref. No. MY/UET/2025 **Dated:** 03/01/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 03/02/2025 **Tested on:** 07/02/2025 **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	---	27	12	2024	6x6x6	---	8.8	36	95	5911	---	Engraved
2	---	27	12	2024	6x6x6	---	9.4	36	91	5662	---	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
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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
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8807
Engr. A. Rehman

To: Sub Divisional Officer
Buildings Sub Division No. 12, Lahore

Project: Revamping of Old Blocks of Punjab Institute of Mental Health Lahore (ADP No. 347/2024-25)-Columns for Extension of OPD

Our Ref. No. CL/CED/ 7301 **Dated:** 07/02/2025 **Test Specification**

Your Ref. No. 56/SDO12th **Dated:** 23/1/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 03/02/2025 **Tested on:** 07/02/2025 **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	(1:1.5:3)	15	12	2024	6x6x6	---	8.8	36	71	4418	---	Non Engraved
2	(1:1.5:3)	15	12	2024	6x6x6	---	8.8	36	41	2551	---	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
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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**

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

8807
Engr. A. Rehman

To: Sub Divisional Officer
Buildings Sub Division No. 12, Lahore

Project: Revamping of Old Blocks of Punjab Institute of Mental Health Lahore (ADP No. 347/2024-25)-Concrete Slab for Extension of OPD

Our Ref. No. CL/CED/ 7302 **Dated:** 07/02/2025 **Test Specification**

Your Ref. No. 89/SDO12th **Dated:** 23/1/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 03/02/2025 **Tested on:** 07/02/2025 **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	(1:2:4)	25	12	2024	6x6x6	---	9.2	36	44	2738	---	Engraved
2	(1:2:4)	25	12	2024	6x6x6	---	9.4	36	46	2862	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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

Plain and Reinforced Concrete Laboratory
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.

8810
Engr. A. Rehman

To: Mr. M. Mazhar Maqbool
G.M. (Planning & Admin), Kraftcon (Pvt) Ltd

Project: Bio Mass Boiler at AZGARD-9 Limited, Manga Mandi

Our Ref. No. CL/CED/ 7303 Dated: 07/02/2025 Test Specification

Your Ref. No. kpl/25/060 Dated: 03/02/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 03/02/2025 **Tested on:** 07/02/2025 **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	C26	25	1	2025	6x6x6	---	8.6	36	87	5413	---	Non Engraved
2	C26	25	1	2025	6x6x6	---	8.8	36	85	5289	---	Non Engraved
3	C26	25	1	2025	6x6x6	---	8.8	36	64	3982	---	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
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.

8816
Engr. A. Rehman

To: AJ Contractors
Plaza No. 71 First Floor DHA Phase 8 (Ex-Park View) Lahore Cantt.

Project: Tawal Project Site ID: TWPSK0009 (Tower Raft)

Our Ref. No. CL/CED/ 7307 **Dated:** 07/02/2025 **Test Specification**

Your Ref. No. AJ Contractor/Cubes/Tawal/54 **Dated:** 20/1/2025 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 03/02/2025 **Tested on:** 07/02/2025 **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	(1:1.5:3)	13	1	2025	6x6x6	---	8.2	36	46	2862	---	Non Engraved
2	(1:1.5:3)	13	1	2025	6x6x6	---	8.6	36	54	3360	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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

Plain and Reinforced Concrete Laboratory
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.

8816
Engr. A. Rehman

To: AJ Contractors
Plaza No. 71 First Floor DHA Phase 8 (Ex-Park View) Lahore Cantt.

Project: Tawal Project Site ID: TWPKWL0010 (Tower Columns + Solar Columns)

Our Ref. No. CL/CED/ 7308 **Dated:** 07/02/2025 **Test Specification**

Your Ref. No. AJ Contractor/Cubes/Tawal/57 **Dated:** 28/1/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 03/02/2025 **Tested on:** 07/02/2025 **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	(1:1.5:3)	21	1	2025	6x6x6	---	8.2	36	46	2862	---	Non Engraved
2	(1:1.5:3)	21	1	2025	6x6x6	---	8.6	36	34	2116	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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7		---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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

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

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

8817
Engr. A. Rehman

To: CM Engineering (Pvt) Ltd.
Quaid-e-Azam Town College Road, Lahore.

Project: Tawal Project Site ID: TWPBWP0017 (Tower Raft + Solar Raft)

Our Ref. No. CL/CED/ 7309 **Dated:** 07/02/2025 **Test Specification**

Your Ref. No. CME/Cubes/TAWAL/2020 **Dated:** 29/1/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 03/02/2025 **Tested on:** 07/02/2025 **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	(1:1.5:3)	22	1	2025	6x6x6	---	8.6	36	46	2862	---	Non Engraved
2	(1:1.5:3)	22	1	2025	6x6x6	---	8.6	36	55	3422	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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

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.

8817
Engr. A. Rehman

To: CM Engineering (Pvt) Ltd.
Quaid-e-Azam Town College Road, Lahore.

Project: Tawal Project Site ID: TWPBWP0017 (Tower Columns + Solar Column)

Our Ref. No. CL/CED/ 7310 **Dated:** 07/02/2025 **Test Specification**

Your Ref. No. CME/Cubes/TAWAL/2021 **Dated:** 30/01/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 03/02/2025 **Tested on:** 07/02/2025 **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	(1:1.5:3)	23	1	2025	6x6x6	---	8.6	36	35	2178	---	Non Engraved
2	(1:1.5:3)	23	1	2025	6x6x6	---	9	36	74	4604	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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

Plain and Reinforced Concrete Laboratory
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.

8817
Engr. A. Rehman

To: CM Engineering (Pvt) Ltd
Quaid-e-Azam Town College Road, Lahore.

Project: E.CO Project Site ID: NRO25-CB-400 (Triangle Pier Foundation + DG PAD)

Our Ref. No. CL/CED/ 7311 **Dated: 07/02/2025** **Test Specification**

Your Ref. No. CME/Cubes/E.CO/2022 **Dated: 21/1/2025** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 03/02/2025 **Tested on:** 07/02/2025 **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	(1:1.5:3)	14	1	2025	6x6x6	---	8.6	36	64	3982	---	Non Engraved
2	(1:1.5:3)	14	1	2025	6x6x6	---	8.4	36	56	3484	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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

Plain and Reinforced Concrete Laboratory
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.

8817
Engr. A. Rehman

To: CM Engineering (Pvt) Ltd
Quaid-e-Azam Town College Road, Lahore.

Project: E.CO Project Site ID: NRO25-CA-61 (Triangle Pier Foundation + DG PAD)

Our Ref. No. CL/CED/ 7312 **Dated:** 07/02/2025 **Test Specification**

Your Ref. No. CME/Cubes/E.CO/2023 **Dated:** 31/1/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 03/02/2025 **Tested on:** 07/02/2025 **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	(1:1.5:3)	24	1	2025	6x6x6	---	8.6	36	54	3360	---	Non Engraved
2	(1:1.5:3)	24	1	2025	6x6x6	---	8.8	36	64	3982	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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.

8817
Engr. A. Rehman

To: CM Engineering (Pvt) Ltd
Quaid-e-Azam Town College Road, Lahore.

Project: E.CO Project Site ID: NRO25-CA-21 (Triangle Pier Foundation + DG PAD)

Our Ref. No. CL/CED/ 7313 **Dated:** 07/02/2025 **Test Specification**

Your Ref. No. CME/Cubes/E.CO/2024 **Dated:** 03/02/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 03/02/2025 **Tested on:** 07/02/2025 **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	(1:1.5:3)	27	1	2025	6x6x6	---	8.8	36	44	2738	---	Non Engraved
2	(1:1.5:3)	27	1	2025	6x6x6	---	8.6	36	54	3360	---	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**

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.

8412
Dr. Umbreen

To: Sub Divisional Officer
Buildings Sub Division No. 16, Lahore

Project: Construction of SMART POLICE STATION SHADMAN LAHORE

Our Ref. No. CL/CED/ 7314 **Dated:** 07/02/2025 **Test Specification**

Your Ref. No. 50 16th **Dated:** 12/12/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 12/12/2024 **Tested on:** 06/02/2025 **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	Z	---	---	---	8.9 x 4.3 x 2.9	3650	3215	38.27	44	2575	13.53	---
2	Z	---	---	---	8.8 x 4.3 x 3	3670	3270	37.84	44	2605	12.23	---
3	Z	---	---	---	8.8 x 4.3 x 3	3705	3275	37.84	38	2249	13.13	---
4	Z	---	---	---	8.9 x 4.2 x 2.9	3645	3190	37.38	32	1918	14.26	---
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 compresssive strength

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

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

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

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

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

8627
Dr. Umbreen

To: Mr. Zahir Ullah, Sub Engr-I
Works Division, SUPARCO, Lahore

Project: Constructions of RCC Vehicle Parking Sheds at SRDC-L, Workshop for Repair & Maintenance of HVAC Equipment at SRDC-L, and addition of CGI Sheets Sheds between EVT & Workshop at SRDC-L

Our Ref. No. CL/CED/ 7315 Dated: 07/02/2025 **Test Specification**

Your Ref. No. 63303(4102)Works/Div/SRDC-L Dated: 01/01/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 10/01/2025 **Tested on:** 06/02/2025 **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	M	---	---	---	9 x 4.2 x 3	3750	3345	37.8	44	2607	12.11	---
2	M	---	---	---	8.8 x 4.3 x 2.9	3670	3325	37.84	40	2368	10.38	---
3	M	---	---	---	8.8 x 4.2 x 3	3725	3340	36.96	24	1455	11.53	---
4	M	---	---	---	8.9 x 4.3 x 3	3600	3205	38.27	40	2341	12.32	---
5	M	---	---	---	8.8 x 4.2 x 3	4030	3510	36.96	44	2667	14.81	---
6	M	---	---	---	8.8 x 4.2 x 2.9	3720	3290	36.96	40	2424	13.07	---
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.

8782
Dr. Umbreen

To: Mr. Muhammad Awas
Manager Contracts, Rayan Iqbal Builders Pvt Ltd.

Project: Testing of Concrete Paver Block (A-001)

Our Ref. No. CL/CED/ 7316 **Dated: 07/02/2025** **Test Specification**

Your Ref. No. R.I/LHR/0012 **Dated: 28/1/2025** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 29/1/2025 **Tested on:** 06/02/2025 **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	Rectangular, Grey, 60 mm	---	---	---	7.8 x 3.9 x 2.4	---	2855	30.42	79	5817	---	---
2	Rectangular, Grey, 60 mm	---	---	---	7.8 x 3.9 x 2.4	---	3045	30.42	56	4124	---	---
3	Rectangular, Grey, 60 mm	---	---	---	7.8 x 3.9 x 2.4	---	2980	30.42	70	5155	---	---
4	Rectangular, Grey, 60 mm	---	---	---	7.8 x 3.9 x 2.4	---	2935	30.42	85	6259	---	---
5	Rectangular, Grey, 60 mm	---	---	---	7.8 x 3.9 x 2.4	---	3090	30.42	63	4639	---	---
6	Rectangular, Grey, 60 mm	---	---	---	7.8 x 3.9 x 2.4	---	2770	30.42	73	5375	---	---
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.

8782
Dr. Umbreen

To: Mr. Muhammad Awas
Manager Contracts, Rayan Iqbal Builders Pvt Ltd.

Project: Testing of Concrete Paver Block (B-002)

Our Ref. No. CL/CED/ 7317 **Dated: 07/02/2025** **Test Specification**

Your Ref. No. R.I/LHR/0013 **Dated: 28/1/2025** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 29/1/2025 **Tested on:** 06/02/2025 **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	Rectangular, Grey, 60 mm	---	---	---	7.9 x 3.9 x 2.4	---	2915	30.81	85	6180	---	---
2	Rectangular, Grey, 60 mm	---	---	---	7.9 x 3.9 x 2.4	---	2915	30.81	85	6180	---	---
3	Rectangular, Grey, 60 mm	---	---	---	7.9 x 3.9 x 2.4	---	2805	30.81	126	9161	---	---
4	Rectangular, Grey, 60 mm	---	---	---	7.9 x 3.9 x 2.4	---	2795	30.81	84	6107	---	---
5	Rectangular, Grey, 60 mm	---	---	---	7.9 x 3.9 x 2.4	---	2805	30.81	108	7852	---	---
6	Rectangular, Grey, 60 mm	---	---	---	7.9 x 3.9 x 2.4	---	2720	30.81	106	7707	---	---
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Witnessed by:

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