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.

9180
Dr. M. Yousaf

To: Resident Engineer
NESPAK (Pvt) Ltd

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

Our Ref. No. CL/CED/ 7809 **Dated:** 25/03/2025 **Test Specification**

Your Ref. No. 4800/321/SS/01/06-1 **Dated:** 10/03/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/03/2025 **Tested on:** 25/03/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	F-3 @ Grid A-1	5	1	2025	6Diax12	---	13.4	28.28	52	4119	---	Non Engraved
2	F-3 @ Grid F-1	5	1	2025	6Diax12	---	13.6	28.28	60	4752	---	Non Engraved
3	F-1 @ Grid C-7	5	1	2025	6Diax12	---	14	28.28	58	4594	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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9	---	---	---	---	---	---	---	---	---	---	---	---
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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.

9149
Dr. Aqsa

To: Engr. Khalid Qadeer Mian
Chief Executive, Eastern Construction Co. Engineers & Contractors, Lahore.

Project: Rehabilitation of Storm Water and Sewerage System of BNU and Beaconhouse Estate, Lahore.

Our Ref. No. CL/CED/ 7810 Dated: 25/03/2025 Test Specification

Your Ref. No. ECC/UET/LHR/025/04 Dated: 19/03/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 19/3/2025 Tested on: 25/03/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Raft Concrete of Sewerage Sump	22	2	2025	6Diax12	---	14	28.28	64	5069	---	Non Engraved
2	Raft Concrete of Sewerage Sump	22	2	2025	6Diax12	---	14	28.28	61	4832	---	Non Engraved
3	Raft Concrete of Sewerage Sump	22	2	2025	6Diax12	---	14	28.28	59	4673	---	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**

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9149
Dr. Aqsa

To: Engr. Khalid Qadeer Mian
Chief Executive, Eastern Construction Co. Engineers & Contractors, Lahore.

Project: Rehabilitation of Storm Water and Sewerage System of BNU and Beaconhouse Estate, Lahore.

Our Ref. No. CL/CED/ 7811 Dated: 25/03/2025 Test Specification

Your Ref. No. ECC/UET/LHR/025/05 Dated: 19/03/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 19/3/2025 Tested on: 25/03/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Wall Concrete of Sewerage Sump	1	3	2025	6Diax12	---	13.4	28.28	46	3644	---	Non Engraved
2	Wall Concrete of Sewerage Sump	1	3	2025	6Diax12	---	14	28.28	51	4040	---	Non Engraved
3	Wall Concrete of Sewerage Sump	1	3	2025	6Diax12	---	14	28.28	54	4277	---	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**

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ORIGINAL
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9156
Dr. Aqsa

To: Mr. Aaliyan Abbas
Project Manager, Capstone Builders & Engineers Pvt. Ltd.

Project: Nil

Our Ref. No. CL/CED/ 7812 **Dated:** 25/03/2025 **Test Specification**

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

COMPRESSION TEST REPORT

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

Specimens received on: 20/3/2025 **Tested on:** 25/03/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	3-cell culverts Approach Slab	23	2	2025	6Diax12	---	13	28.28	47	3723	---	Non Engraved
2	3-cell culverts Approach Slab	23	2	2025	6Diax12	---	13	28.28	59	4673	---	Non Engraved
3	3-cell culverts Approach Slab	23	2	2025	6Diax12	---	13	28.28	58	4594	---	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 compresssive strength

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

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

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

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ORIGINAL
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9148
Dr. Aqsa

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

Project: Annual Development Program-WASA (2024-2025), Rainwater Management-Drainage Arrangement For Sore Point at Karim Park, Lahore

Our Ref. No. CL/CED/ 7813 Dated: 25/03/2025 Test Specification

Your Ref. No. NESPAK/WASA/ADP/ME/KP/04 Dated: 17/03/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 19/3/2025 Tested on: 25/03/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	4000 Psi (Raft)	19	2	2025	6Diax12	---	13.4	28.28	58	4594	---	Non Engraved
2	4000 Psi (Raft)	19	2	2025	6Diax12	---	13.2	28.28	67	5307	---	Non Engraved
3	4000 Psi (Raft)	19	2	2025	6Diax12	---	13.2	28.28	56	4436	---	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)
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3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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ORIGINAL
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9132
Dr. Aqsa

To: Mr. Sarfraz Rasheed
GM Projects, Ittefaq Building Solutions Pvt. Ltd.

Project: Haider Saeed Commercial, Lahore

Our Ref. No. CL/CED/ 7814 **Dated:** 25/03/2025 **Test Specification**

Your Ref. No. Nil **Dated:** 17/03/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 17/3/2025 **Tested on:** 25/03/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Retaining Wall D~E/1~3, 3Ksi	8	3	2025	6Diax12	---	13.8	28.28	33	2614	---	Non Engraved
2	Retaining Wall D~E/1~3, 3Ksi	8	3	2025	6Diax12	---	13.6	28.28	35	2772	---	Non Engraved
3	Retaining Wall D~E/1~3, 3Ksi	8	3	2025	6Diax12	---	13.8	28.28	35	2772	---	Non Engraved
4	Columns C,D/01, 4000 Psi	10	3	2025	6Diax12	---	13.6	28.28	42	3327	---	Non Engraved
5	Columns C,D/01, 4000 Psi	10	3	2025	6Diax12	---	13.6	28.28	59	4673	---	Non Engraved
6	Columns C,D/01, 4000 Psi	10	3	2025	6Diax12	---	14	28.28	51	4040	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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ORIGINAL
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9141
Dr. Aqsa

To: Mr. Ilyas Malik
Sr. Manager, Mayfair Residencia, 19-F, PIA Housing Society, WAPDA Town Lahore.

Project: Mayfair Residencia (Construction of Raft Foundation)

Our Ref. No. CL/CED/ 7815 **Dated:** 25/03/2025 **Test Specification**

Your Ref. No. Nil **Dated:** 18/03/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 18/3/2025 **Tested on:** 25/03/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Mix D. # 1, 410 KG Cement (Sika-512)	8	3	2025	6Diax12	---	14	28.28	57	4515	---	Non Engraved
2	Mix D. # 1, 410 KG Cement (Sika-512)	8	3	2025	6Diax12	---	13.6	28.28	57	4515	---	Non Engraved
3	Mix D. # 1, 410 KG Cement (Sika-512)	8	3	2025	6Diax12	---	13.4	28.28	50	3960	---	Non Engraved
4	Mix D. # 2, 410 KG Cement (Sika-520)	8	3	2025	6Diax12	---	13.2	28.28	43	3406	---	Non Engraved
5	Mix D. # 2, 410 KG Cement (Sika-520)	8	3	2025	6Diax12	---	13	28.28	41	3248	---	Non Engraved
6	Mix D. # 2, 410 KG Cement (Sika-520)	8	3	2025	6Diax12	---	13.2	28.28	47	3723	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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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
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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

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ORIGINAL
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9067
Dr. Aqsa

To: Mr. Sarfraz Rasheed
Executive Director Projects, Ittefaq Building Solutions Pvt. Ltd.

Project: Haider Saeed Commercial, Lahore

Our Ref. No. CL/CED/ 7816 **Dated:** 25/03/2025 **Test Specification**

Your Ref. No. Nil **Dated:** 10/03/2025 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 10/3/2025 **Tested on:** 25/03/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Raft Concrete A to D/1 to 3, 3Ksi	2	3	2025	6Diax12	---	14	28.28	93	7366	---	Non Engraved
2	Raft Concrete A to D/1 to 3, 3Ksi	2	3	2025	6Diax12	---	13.8	28.28	85	6733	---	Non Engraved
3	Raft Concrete A to D/1 to 3, 3Ksi	2	3	2025	6Diax12	---	13.8	28.28	78	6178	---	Non Engraved
4	Raft Concrete D to E/1 to 3, 3Ksi	3	3	2025	6Diax12	---	13.2	28.28	50	3960	---	Non Engraved
5	Raft Concrete D to E/1 to 3, 3Ksi	3	3	2025	6Diax12	---	13.6	28.28	51	4040	---	Non Engraved
6	Raft Concrete D to E/1 to 3, 3Ksi	3	3	2025	6Diax12	---	13.2	28.28	40	3168	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
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.

9090
Dr. Aqsa

To: Deputy Director (Engg)
PHA, Lahore.

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

Our Ref. No. CL/CED/ 7817-1 of 2 **Dated:** 25/03/2025 **Test Specification**

Your Ref. No. DD (Engg.) / PHA / 4361 **Dated:** 11/03/2025 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 12/3/2025 **Tested on:** 25/03/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	RCC (1:2:4)	10	2	2025	6Diax12	---	13	28.28	62	4911	---	Non Engraved
2	RCC (1:2:4)	10	2	2025	6Diax12	---	13.2	28.28	35	2772	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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