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.

9593
Dr. M. Yousaf

To: Mr. Junaid Ahmed Khan
Prominent Engineering and General Services

Project: Munawar Heights Johar Town Lahore

Our Ref. No. CL/CED/ 8577 **Dated:** 16/06/2025 **Test Specification**

Your Ref. No. Nil **Dated:** 12/06/2025 **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 12/06/2025 **Tested on:** 16/06/2025 **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	S1	26	3	2025	6Diax12	---	13	28.28	45	3564	---	Non Engraved
2	S2	22	4	2025	6Diax12	---	13	28.28	42	3327	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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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ORIGINAL
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9601
Dr. M. Yousaf

To: Highend Construction
Sundar Industrial Estate, Raiwind, Lahore.

Project: HIGHEND CONSTRUCTION

Our Ref. No. CL/CED/ 8578 **Dated:** 16/06/2025 **Test Specification**

Your Ref. No. Letter No.1 **Dated:** 04/06/2025 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 13/06/2025 **Tested on:** 16/06/2025 **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	C001, 3000 Psi	4	6	2025	6Diax12	---	13.8	28.28	41	3248	---	Non Engraved
2	C001, 3000 Psi	4	6	2025	6Diax12	---	13	28.28	32	2535	---	Non Engraved
3	C001, 3000 Psi	4	6	2025	6Diax12	---	14	28.28	36	2851	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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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9592
Dr. M. Yousaf

To: Assistant Project Director
Project Management Unit (PMU) Government of the Punjab Sports Board Punjab.

Project: Completion of International Squash Complex at Nishtar Park Sports Complex, Lahore. Phase II G.S No. 300. (RCC Roof Slab, Water Tank & Septic Tank)

Our Ref. No. CL/CED/ 8579 Dated: 16/06/2025 Test Specification

Your Ref. No. APD/PMU/SBP/LHR/25/938 Dated: 11/06/2025 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 12/06/2025 Tested on: 16/06/2025 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	5	2025	6x6x6	---	9	36	96	5973	---	Non Engraved
2	(1:1.5:3)	14	5	2025	6x6x6	---	8.8	36	100	6222	---	Non Engraved
3	(1:1.5:3)	14	5	2025	6x6x6	---	8	36	61	3796	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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

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

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

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

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ORIGINAL
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9464
Dr. M. Yousaf

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

Project: Construction of Additional Carriageway (Dehli - Multan Road) from Darammawala More to Pull 114/10-R Length: 6.00 Km District Khanewal ADP No. 7718 for the Year 2024-2025.

Our Ref. No. CL/CED/ 8580-1 of 3 Dated: 16/06/2025 Test Specification

Your Ref. No. DMK/HA/03/02 Dated: 10/05/2025 (ASTM C67)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 20/05/2025 Tested on: 16/05/2025 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	1A PB, Machine Made	---	---	---	4.3 x 4.2 x 2.8	1595	1365	18.06	13	1612	16.85	---
2	2A PB, Machine Made	---	---	---	4.3 x 4.2 x 2.8	1615	1380	18.06	16.5	2047	17.03	---
3	3B PB, Machine Made	---	---	---	4.2 x 4.3 x 2.8	1590	1385	18.06	16.5	2047	14.8	---
4	4B PB, Machine Made	---	---	---	4.2 x 4.3 x 2.8	1610	1360	18.06	23.5	2915	18.38	---
5	5C PB, Machine Made	---	---	---	4.3 x 4.2 x 2.8	1520	1300	18.06	9.5	1178	16.92	---
6	6C PB, Machine Made	---	---	---	4.4 x 4.2 x 2.8	1545	1330	18.48	14.5	1758	16.17	---
7	7D PB, Machine Made	---	---	---	4.2 x 4.3 x 2.8	1545	1335	18.06	16	1984	15.73	---
8	8D PB, Machine Made	---	---	---	4.3 x 4.3 x 2.8	1615	1395	18.49	19	2302	15.77	---
9	9E PB, Machine Made	---	---	---	4.4 x 4.3 x 2.8	1570	1395	18.92	22.5	2664	12.54	---
10	10E PB, Machine Made	---	---	---	4.2 x 4.3 x 2.8	1525	1355	18.06	18.5	2295	12.55	---
11	11F PB, Machine Made	---	---	---	4.5 x 4.1 x 2.7	1575	1360	18.45	23	2792	15.81	---
12	12F PB, Machine Made	---	---	---	4.3 x 4.1 x 2.7	1590	1365	17.63	21.5	2732	16.48	---
13	1A 204, Machine Made	---	---	---	4.3 x 4.2 x 2.7	1485	1275	18.06	19.5	2419	16.47	---
14	2A 204, Machine Made	---	---	---	4.2 x 4.2 x 2.7	1455	1260	17.64	16	2032	15.48	---
15	3B 204, Machine Made	---	---	---	4.3 x 4.2 x 2.8	1510	1310	18.06	21	2605	15.27	---
16	4B 204, Machine Made	---	---	---	4.2 x 4.2 x 2.8	1440	1240	17.64	21	2667	16.13	---

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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Dr. M. Yousaf

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

Project: Construction of Additional Carriageway (Dehli - Multan Road) from Darammawala More to Pull 114/10-R Length: 6.00 Km District Khanewal ADP No. 7718 for the Year 2024-2025.

Our Ref. No. CL/CED/ 8580-2 of 3 Dated: 16/06/2025 Test Specification

Your Ref. No. DMK/HA/03/02 Dated: 10/05/2025 (ASTM C67)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 20/05/2025 Tested on: 16/05/2025 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	5C 204, Machine Made	---	---	---	4.3 x 4.2 x 2.7	1480	1275	18.06	21	2605	16.08	---
2	6C 204, Machine Made	---	---	---	4.3 x 4.2 x 2.7	1515	1300	18.06	21.5	2667	16.54	---
3	7D 204, Machine Made	---	---	---	4.4 x 4.2 x 2.8	1480	1280	18.48	17.5	2121	15.63	---
4	8D 204, Machine Made	---	---	---	4.3 x 4.2 x 2.8	1490	1285	18.06	16.5	2047	15.95	---
5	9E 204, Machine Made	---	---	---	4.3 x 4.2 x 2.8	1450	1290	18.06	22.5	2791	12.4	---
6	10E 204, Machine Made	---	---	---	4.3 x 4.2 x 2.8	1440	1250	18.06	21	2605	15.2	---
7	11F 204, Machine Made	---	---	---	4.3 x 4.2 x 2.7	1510	1245	18.06	13.5	1674	21.29	---
8	12F 204, Machine Made	---	---	---	4.3 x 4.2 x 2.7	1480	1255	18.06	21	2605	17.93	---
9	1A SS, Machine Made	---	---	---	4.3 x 4.3 x 2.8	1495	1230	18.49	12.5	1514	21.54	---
10	2A SS, Machine Made	---	---	---	4.2 x 4.3 x 2.8	1480	1220	18.06	12	1488	21.31	---
11	3B SS, Machine Made	---	---	---	4.2 x 4.2 x 2.8	1495	1250	17.64	12	1524	19.6	---
12	4B SS, Machine Made	---	---	---	4.2 x 4.2 x 2.8	1455	1220	17.64	13	1651	19.26	---
13	5C SS,Machine Made	---	---	---	4.2 x 4.2 x 2.8	1435	1180	17.64	19	2413	21.61	---
14	6C SS,Machine Made	---	---	---	4.2 x 4.2 x 2.8	1390	1145	17.64	19	2413	21.4	---
15	7D SS,Machine Made	---	---	---	4.2 x 4.2 x 2.8	1505	1210	17.64	13	1651	24.38	---
16	8D SS,Machine Made	---	---	---	4.2 x 4.2 x 2.8	1440	1170	17.64	12.5	1587	23.08	---

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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Resident Engineer, Highways and Transportation Engineering Division. NESPAK (Pvt) Ltd.

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Our Ref. No. CL/CED/ 8580-3 of 3 Dated: 16/06/2025 Test Specification

Your Ref. No. DMK/HA/03/02 Dated: 10/05/2025 (ASTM C67)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 20/05/2025 Tested on: 16/05/2025 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	9E SS,Machine Made	---	---	---	4.1 x 4.2 x 2.8	1360	1115	17.22	12	1561	21.97	---
2	10E SS,Machine Made	---	---	---	4.2 x 4.2 x 2.8	1355	1120	17.64	16	2032	20.98	---
3	11F SS,Machine Made	---	---	---	4.3 x 4.2 x 2.7	1370	1145	18.06	15.5	1922	19.65	---
4	12F SS,Machine Made	---	---	---	4.1 x 4.2 x 2.7	1350	1110	17.22	18	2341	21.62	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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Civil Engineering Department

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ORIGINAL
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9613
Dr. Qasim Khan

To: Mr. Hafiz Muhammad Umer
Project Manager, The Vertical (Pvt) Ltd.

Project: (Sample Identification: Brightech)

Our Ref. No. CL/CED/ 8581 **Dated: 16/06/2025** **Test Specification**

Your Ref. No. Vertical/V3/Site/13 **Dated: 16/06/2025** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 16/06/2025 Tested on: 16/06/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	R.Wall (3500 Psi)	12	5	2025	6Diax12	---	14.4	28.28	60	4752	---	Non Engraved
2	R.Wall (3500 Psi)	12	5	2025	6Diax12	---	14.2	28.28	58.5	4634	---	Non Engraved
3	Raft (3500 Psi)	4	6	2025	6Diax12	---	14	28.28	53.4	4230	---	Non Engraved
4	Raft (3500 Psi)	4	6	2025	6Diax12	---	14	28.28	49.4	3913	---	Non Engraved
5	Slab (3500 Psi)	30	5	2025	6Diax12	---	14	28.28	52.5	4158	---	Non Engraved
6	Slab (3500 Psi)	30	5	2025	6Diax12	---	14.4	28.28	51	4040	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Toqeer Ahmed CNIC # 32203-6932523-9

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

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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
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

9614
Dr. Qasim Khan

To: Mr. Hafiz Muhammad Umer
Project Manager, The Vertical (Pvt) Ltd.

Project: (Sample Identification: Tetra)

Our Ref. No. CL/CED/ 8582 **Dated: 16/06/2025** **Test Specification**

Your Ref. No. Vertical/V3/Site/14 **Dated: 16/06/2025** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 16/06/2025 Tested on: 16/06/2025 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 (3500 Psi)	21	5	2025	6Diax12	---	13.4	28.28	60.1	4760	---	Non Engraved
2	Raft (3500 Psi)	21	5	2025	6Diax12	---	13.4	28.28	80.8	6400	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Toqeer Ahmed CNIC # 32203-6932523-9 & Mr. Faisal Hussain

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**