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.

8789
Dr. Qasim Khan

To: Rana Muhammad Haris
Chief Material Engineer, Rehman Habib Consultants Pvt. Ltd. Lahore.

Project: Construction / Renovation of 17 Centers of Excellences (COES) in Existing TEVTA & PVTC Institutes in Punjab Province. (GTTI Sheikhupura)

Our Ref. No. CL/CED/ 7376 Dated: 14/02/2025 Test Specification

Your Ref. No. RHC/134-TEVTA1-2404/RMH/01/11 Dated: 28/01/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 29/01/2025 Tested on: 14/02/2025 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	DA	---	---	---	8.5 x 4 x 2.6	3240	2980	34	39	2569	8.72	---
2	DA	---	---	---	8.5 x 4 x 2.8	3315	3075	34	41	2701	7.8	---
3	DA	---	---	---	8.5 x 4.1 x 2.7	3295	3010	34.85	34	2185	9.47	---
4	DA	---	---	---	8.5 x 4.1 x 2.8	3305	3015	34.85	36	2314	9.62	---
5	DA	---	---	---	8.5 x 4.1 x 2.8	3235	2936	34.85	36	2314	10.18	---
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Witnessed by:

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

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

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

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

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

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ORIGINAL
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8899
Dr. Qasim Khan

To: STEELMAN INTERNATIONAL ENGINEERS
Sunset Boulevard, Phase-II, Defence Housing Authority, Karachi.

Project: Amir Abdullah Swimming Pool Renovation. (Consultant: SRDW)

Our Ref. No. CL/CED/ 7377 **Dated:** 14/02/2025 **Test Specification**

Your Ref. No. Nil **Dated:** 13/02/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 13/02/2025 **Tested on:** 14/02/2025 **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	3750 Psi	4	2	2025	6Diax12	---	14	28.28	50	3960	---	Non Engraved
2	3750 Psi	4	2	2025	6Diax12	---	14	28.28	54	4277	---	Non Engraved
3	3750 Psi	4	2	2025	6Diax12	---	14.2	28.28	55	4356	---	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

To: CIVIL ENGINEER
Punjab Small Industries Corporation, Directorate of Works & Development, Lahore.

Project: Construction of Handicraft Development Centre at Kamalia.

Our Ref. No. CL/CED/ 7378 **Dated:** 14/02/2025

Your Ref. No. PSIC/W&D/961 **Dated:** 06/11/2024

COMPRESSION TEST REPORT

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

Specimens received on: 27/01/2025 **Tested on:** 10/02/2025 **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 (%)
1	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3790	29.64	95	7179	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3745	29.64	107	8086	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3775	29.64	80	6046	---
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3790	29.64	97	7331	---
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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
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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

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

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Dr. M. Yousaf

Test Specification

(----)

Remarks

of ingredients)

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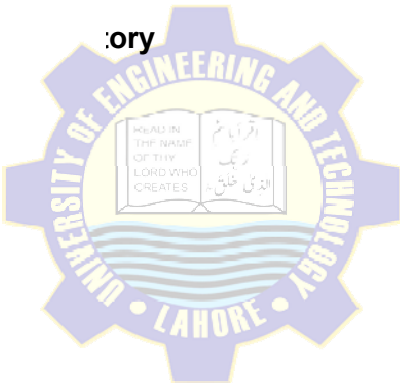
UNIVERSITY OF ENGINEERING AND TECHNOLOGY
LAHORE
READ IN THE NAME OF THY LORD WHO CREATES

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
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ORIGINAL
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Dr. Qasim Khan

To: Maj. (R) Ali Hasnain Zaidi
Deputy Manager, Security & Monitoring, Tariq Glass Industries Ltd.

Project: Nil

Our Ref. No. CL/CED/ 7379 **Dated:** 14/02/2025 **Test Specification**

Your Ref. No. Nil **Dated:** Nil (----)

COMPRESSION TEST REPORT

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

Specimens received on: 07/02/2025 **Tested on:** 14/02/2025 **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, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3435	29.64	66	4988	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3490	29.64	62	4686	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3550	29.64	64	4837	---	---
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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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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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8909
Engr. A. Rehman

To: Engr. Haseeb Afzal
Project Manager, HMB Developers Pvt. Ltd

Project: Commercial Tower, Finance Trade Centre, Lahore (12th Floor Columns & P.C H~N'/1~4')

Our Ref. No. CL/CED/ 7380 **Dated: 14/02/2025** **Test Specification**

Your Ref. No. HMBDPL/S.O/02/25/172 (LHR) **Dated: 14/02/2025** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 14/02/2025 Tested on: 14/02/2025 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	CT-183 (5000 Psi)	17	1	2025	6Diax12	---	14.4	28.28	83	6574	---	Non Engraved
2	CT-183 (5000 Psi)	17	1	2025	6Diax12	---	14	28.28	68	5386	---	Non Engraved
3	CT-183 (5000 Psi)	17	1	2025	6Diax12	---	14.8	28.28	50	3960	---	Non Engraved
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Witnessed by: HMBD, CNIC # 33103-0209597-3

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

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ORIGINAL
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8651
Dr. Qasim Khan

To: Mr. Muhammad Zain Ul Abadeen
Resident Engineer, Environmental & Public Health Engineering Division. NESPAK (Pvt) Ltd.

Project: TENDER NO. XEN (O&M-I) NT/2024-25/86-IMPROVEMENT OF WATER SUPPLY AND SEWERAGE SYSTEM IN UC-238, NISHTER ZONE, LAHORE.

Our Ref. No. CL/CED/ 7381 Dated: 14/02/2025 Test Specification

Your Ref. No. 43101/11/MZA/01/1037 Dated: 03/01/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 14/01/2025 **Tested on:** 14/02/2025 **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	K9	---	---	---	8.8 x 4.3 x 3	3610	3205	37.84	22	1302	12.64	---
2	K9	---	---	---	8.8 x 4.3 x 3.2	3690	3290	37.84	42	2486	12.16	---
3	K9	---	---	---	8.8 x 4.3 x 3	3705	3245	37.84	37	2190	14.18	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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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.

8878
Dr. Qasim Khan

To: Mr. Waqas Ali
VARIANT, 25-t gulberg 2, Lahore

Project: 11th Floor Swimming Pool Wall & Deck

Our Ref. No. CL/CED/ 7382 **Dated:** 14/02/2025 **Test Specification**

Your Ref. No. VA/29/178 **Dated:** 06/02/2025 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 11/02/2025 **Tested on:** 14/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Swimming Pool Wall & Deck	5	12	2024	6Diax12	---	14.8	28.28	62	4911	---	Non Engraved
2	Swimming Pool Wall & Deck	5	12	2024	6Diax12	---	14.4	28.28	35	2772	---	Non Engraved
3	Swimming Pool Wall & Deck	5	12	2024	6Diax12	---	14.8	28.28	59	4673	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Babar Ali, CNIC 35201-9967694-3

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

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ORIGINAL
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8878
Dr. Qasim Khan

To: Mr. Waqas Ali
VARIANT, 25-t gulberg 2, Lahore

Project: 11th Floor Slab Pour-3

Our Ref. No. CL/CED/ 7383 **Dated:** 14/02/2025 **Test Specification**

Your Ref. No. VA/29/179 **Dated:** 06/02/2025 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 11/02/2025 **Tested on:** 14/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Slab Pour-3	10	12	2024	6Diax12	---	14.4	28.28	87	6891	---	Non Engraved
2	Slab Pour-3	10	12	2024	6Diax12	---	14	28.28	50	3960	---	Non Engraved
3	Slab Pour-3	10	12	2024	6Diax12	---	14.6	28.28	88	6970	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Babar Ali, CNIC 35201-9967694-3

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.

8862
Engr. A. Rehman

To: Mr. Junaid Ahmad
Project Engineer, Architecture & Planning Division, NESPAK (Pvt) Ltd

Project: Construction of Test Beds and Workshop Building for Al-Ghazi Tractors Limited Sheikhupura Road Lahore

Our Ref. No. CL/CED/ 7384 **Dated:** 14/2/2025 **Test Specification**

Your Ref. No. 4829/311/JA/01/23895 **Dated:** 30/1/2025 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 07/02/2025 **Tested on:** 14/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	RCC Col. Upto Plinth Beam	23	1	2025	6Diax12	---	14	28.28	74	5861	---	Non Engraved
2	RCC Col. Upto Plinth Beam	23	1	2025	6Diax12	---	13.6	28.28	70	5545	---	Non Engraved
3	RCC Col. Upto Plinth Beam	23	1	2025	6Diax12	---	14	28.28	78	6178	---	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
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.

8882
Engr. A. Rehman

To: Mr. Arfan Nazir
Dyeing & Finishing Plant Lahore, Nishat Mills Limited

Project: Construction of Compressor Room U-29, 22-Km off Ferozepur Road, 5-km Nishat Avenue Lahore (Column Foundations 1~4/A~C)

Our Ref. No. CL/CED/ 7385 Dated: 14/2/2025 Test Specification

Your Ref. No. Nil Dated: 10/02/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 11/02/2025 Tested on: 14/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	C-20	1	2	2025	6x6x6	---	8.6	36	68	4231	---	Non Engraved
2	C-20	1	2	2025	6x6x6	---	8.8	36	77	4791	---	Non Engraved
3	C-20	1	2	2025	6x6x6	---	9	36	68	4231	---	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
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

8865
Engr. A. Rehman

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

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

Our Ref. No. CL/CED/ 7386 Dated: 14/02/2025 Test Specification

Your Ref. No. 4084/103/MUR/104/1917 Dated: 10/01/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 10/02/2025 Tested on: 14/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	---	8	12	2024	6x6x6	---	9	36	109	6782	---	Non Engraved
2	---	8	12	2024	6x6x6	---	9	36	95	5911	---	Non Engraved
3	---	8	12	2024	6x6x6	---	8.6	36	107	6658	---	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
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.

8775
Engr. A. Rehman

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

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

Our Ref. No. CL/CED/ 7387 Dated: 14/2/2025 Test Specification

Your Ref. No. NSU/AdminBlock/2023/17/MC Dated: 10/01/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 29/1/2025 Tested on: 14/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	112	---	---	---	9 x 4.2 x 3	3500	3080	37.8	38	2252	13.64	---
2	112	---	---	---	8.9 x 4.1 x 2.9	3485	3070	36.49	34	2087	13.52	---
3	112	---	---	---	8.9 x 4.1 x 2.9	3625	3170	36.49	44	2701	14.35	---
4	112	---	---	---	9 x 4.2 x 3	3490	3060	37.8	38	2252	14.05	---
5	112	---	---	---	8.9 x 4.2 x 3	3515	3060	37.38	40	2397	14.87	---
6	112	---	---	---	8.8 x 4.2 x 2.9	3670	3150	36.96	42	2545	16.51	---
7	112	---	---	---	9 x 4.1 x 2.9	3555	3100	36.9	43	2610	14.68	---
8	112	---	---	---	9 x 4.1 x 3	3690	3130	36.9	22	1336	17.89	---
9	112	---	---	---	8.9 x 4.2 x 3	3680	3260	37.38	40	2397	12.88	---
10	112	---	---	---	8.9 x 4.2 x 2.8	3495	3100	37.38	38	2277	12.74	---
11	112	---	---	---	8.9 x 4.1 x 3	3545	3140	36.49	39	2394	12.9	---
12	112	---	---	---	9 x 4.2 x 2.9	3510	3110	37.8	36	2133	12.86	---
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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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Note: Above results pertain to the unsealed samples supplied to the laboratory

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

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

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

8864
Engr. A. Rehman

To: R.A. Engineering Services
Nishat Colony Lahore cantt.

Project: Construction of 1x Bn Office Block, 12 BR at Lahore

Our Ref. No. CL/CED/ 7388 **Dated:** 14/2/2025 **Test Specification**

Your Ref. No. Nil **Dated:** 06/02/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 10/02/2025 **Tested on:** 14/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	MD	---	---	---	8.8 x 4.3 x 3	---	3325	37.84	44	2605	---	---
2	MD	---	---	---	9 x 4.4 x 3	---	3125	39.6	39	2206	---	---
3	MD	---	---	---	8.8 x 4.1 x 3	---	3285	36.08	39	2421	---	---
4	AH	---	---	---	8.8 x 4.2 x 2.8	---	3135	36.96	43	2606	---	---
5	AH	---	---	---	8.9 x 4.3 x 2.9	---	3200	38.27	40	2341	---	---
6	AH	---	---	---	9 x 4.3 x 3	---	3260	38.7	38	2199	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

8883
Engr. A. Rehman

To: Sub Divisional Officer
Building Sub Division, Kasur

Project: Construction of 3rd Storey of Haji Safdar Ali Academic Block at Govt. Islamia College for Boys Kasur Tehsil & District Kasur (Under CM District SDG's Programme of ADP 2024-25)

Our Ref. No. CL/CED/ 7389 **Dated:** 14/2/2025 **Test Specification**

Your Ref. No. 219/K **Dated:** 08/02/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 11/02/2025 **Tested on:** 14/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	S	---	---	---	8.8 x 4.3 x 3	---	3355	37.84	43	2545	---	---
2	S	---	---	---	8.8 x 4.3 x 3	---	3240	37.84	36	2131	---	---
3	S	---	---	---	8.8 x 4.3 x 2.9	---	3255	37.84	38	2249	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

8760
Engr. A. Rehman

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

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

Our Ref. No. CL/CED/ 7390 Dated: 14/2/2025 Test Specification

Your Ref. No. 4084/103/LDP/Ravi/04/119 Dated: 25/1/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 27/1/2025 Tested on: 14/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	MB	---	---	---	9 x 4.2 x 3	3880	3485	37.8	36	2133	11.33	---
2	MB	---	---	---	8.8 x 4.2 x 3	3715	3335	36.96	53	3212	11.39	---
3	MB	---	---	---	8.8 x 4.4 x 3	3720	3310	38.72	44	2545	12.39	---
4	MB	---	---	---	8.8 x 4.3 x 3	3640	3255	37.84	40	2368	11.83	---
5	MB	---	---	---	9 x 4.2 x 3	3905	3485	37.8	35	2074	12.05	---
6	MB	---	---	---	9 x 4.2 x 3	3715	3310	37.8	36	2133	12.24	---
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.

8851
Engr. A. Rehman

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

Project: Construction of PCC/TUFF TILES/ Sewerage & Drainage at Habibabad & Adjoining Abadies Tehsil Pattoki & District Kasur

Our Ref. No. CL/CED/ 7391 **Dated:** **14/2/2025** **Test Specification**

Your Ref. No. **AE(LG&CD)-2025/14** **Dated:** **03/02/2025** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 06/02/2025 **Tested on:** 14/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	S	---	---	---	8.8 x 4.2 x 3	---	2940	36.96	28	1697	---	---
2	S	---	---	---	8.9 x 4.2 x 3	---	2890	37.38	39	2337	---	---
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.

8851
Engr. A. Rehman

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

Project: Construction of PCC/Soling/ Drainage at Hanjrai Kalan & Adjoining Abadies Tehsil Pattoki & District Kasur

Our Ref. No. CL/CED/ 7392 **Dated:** 14/2/2025 **Test Specification**

Your Ref. No. AE(LG&CD)-2025/16 **Dated:** 06/02/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 06/02/2025 **Tested on:** 14/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	M	---	---	---	8.9 x 4.3 x 3.1	---	3315	38.27	37	2166	---	---
2	M	---	---	---	9 x 4.3 x 3	---	3190	38.7	36	2084	---	---
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.

8773
Engr. A. Rehman

To: Engr. Naveed Iqbal
Resident Engineer, G3 Engineering Consultants (Pvt) Ltd

Project: Construction of Building of Government College Women University Sialkot on Acquired Piece of Land at Sialkot (Group No 01)- (Front Elevation Design & Toe Walls of NSB)

Our Ref. No. CL/CED/ 7393 Dated: 14/2/2025 Test Specification

Your Ref. No. RE/G3/GCWU/124 Dated: 03/12/2024 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 29/1/2025 Tested on: 14/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	12	---	---	---	9 x 4.3 x 3	3760	3385	38.7	35.5	2055	11.08	---
2	12	---	---	---	8.8 x 4.3 x 3	3605	3190	37.84	30.5	1805	13.01	---
3	12	---	---	---	8.8 x 4.3 x 3	3730	3350	37.84	46	2723	11.34	---
4	12	---	---	---	8.9 x 4.3 x 3	3635	3180	38.27	34	1990	14.31	---
5	12	---	---	---	9 x 4.4 x 3	3915	3400	39.6	30	1697	15.15	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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

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

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

8842
Engr. A. Rehman

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

Project: Rehabilitation / Improvement of Street (P.C.C), Sewerage/Drainage UC 68, 72, 73, 74 Data Gunj Bukhsh Zone MCL.

Our Ref. No. CL/CED/ 7394 Dated: 14/2/2025 Test Specification

Your Ref. No. 4084/103/LDP/DGBT/04/39 Dated: 22/1/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 06/02/2025 Tested on: 14/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	A7	---	---	---	9 x 4.2 x 3	3795	3370	37.8	33	1956	12.61	---
2	A7	---	---	---	8.9 x 4.2 x 2.9	3800	3390	37.38	34	2037	12.09	---
3	A7	---	---	---	8.9 x 4.1 x 3	3645	3235	36.49	34	2087	12.67	---
4	A7	---	---	---	8.8 x 4.2 x 3	3770	3360	36.96	44	2667	12.2	---
5	A7	---	---	---	8.9 x 4.2 x 2.9	3785	3390	37.38	46	2757	11.65	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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 compresssive strength

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

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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.

8730
Engr. A. Rehman

To: Mr. Manzoor Ahmad Joya
Resident Engineer, NESPAK (Pvt) Ltd

Project: Establishment of Labour Colony at Quaid-e-Azam Business Park, M2-Motorway, District Sheikhupura; Construction of Bachelors Hostel (Contract Package-A)

Our Ref. No. CL/CED/ 7395 Dated: 14/2/2025

Your Ref. No. 3844/311/RE/038 Dated: 20/1/2025

Test Specification
(BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 22/1/2025 Tested on: 14/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	212	---	---	---	8.8 x 4.3 x 2.9	3590	3200	37.84	34	2013	12.19	---
2	212	---	---	---	8.8 x 4.3 x 3	3595	3220	37.84	32	1894	11.65	---
3	212	---	---	---	8.8 x 4.3 x 3	3825	3420	37.84	30.5	1805	11.84	---
4	212	---	---	---	8.5 x 4.2 x 2.8	3515	3150	35.7	37	2322	11.59	---
5	212	---	---	---	8.7 x 4.3 x 3	3620	3285	37.41	38	2275	10.2	---
6	212	---	---	---	8.8 x 4.3 x 3	3435	3155	37.84	35	2072	8.87	---
7	212	---	---	---	8.9 x 4.3 x 3	3785	3400	38.27	36	2107	11.32	---
8	212	---	---	---	8.8 x 4.2 x 3	3775	3380	36.96	35	2121	11.69	---
9	212	---	---	---	8.9 x 4.2 x 3	3755	3375	37.38	32	1918	11.26	---
10	212	---	---	---	8.9 x 4.3 x 3	3775	3375	38.27	31	1814	11.85	---
11	212	---	---	---	8.9 x 4.1 x 3	3585	3215	36.49	30	1842	11.51	---
12	212	---	---	---	8.9 x 4.1 x 3	3610	3325	36.49	32.5	1995	8.57	---
13	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

8751
Dr. Qasim Khan

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

Project: Rehabilitation / Improvement of Roads UC 32, 33, 34, 35 Ravi Zone MCL

Our Ref. No. CL/CED/ 7396 **Dated: 14/2/2025** **Test Specification**

Your Ref. No. 4084/103/LDP/Ravi/04/72 **Dated: 14/1/2025** **(BS 3921**)**

COMPRESSION TEST REPORT

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

Specimens received on: 24/1/2025 **Tested on:** 14/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	G2	---	---	---	8.8 x 4.3 x 3	3505	3180	37.84	44	2605	10.22	---
2	G2	---	---	---	8.7 x 4.1 x 2.9	3425	3130	35.67	26	1633	9.42	---
3	G2	---	---	---	8.8 x 4.2 x 3	3690	3335	36.96	49	2970	10.64	---
4	G2	---	---	---	9 x 4.2 x 2.9	3340	3015	37.8	45	2667	10.78	---
5	G2	---	---	---	8.5 x 4.2 x 3	3350	3070	35.7	36	2259	9.12	---
6	G2	---	---	---	8.8 x 4.3 x 2.9	3515	3160	37.84	39	2309	11.23	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

8872
Dr. Qasim Khan

To: Mr. Ijaz Hussain
Street No.3, Mohallah Aziz Ali Town, Chiniot.

Project: Construction of New House in Prime Valley Chiniot House No. 95.

Our Ref. No. CL/CED/ 7397 **Dated:** 14/2/2025 **Test Specification**

Your Ref. No. Nil **Dated:** 10/02/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 10/02/2025 **Tested on:** 14/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.8	---	3115	36.96	30	1818	---	---
2	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.9	---	3090	36.96	26	1576	---	---
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

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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.

8858
Dr. Qasim Khan

To: Mr. Asad Khalil
Manga Mandi

Project: Nil

Our Ref. No. CL/CED/ 7398 **Dated:** 14/2/2025 **Test Specification**

Your Ref. No. Nil **Dated:** Nil (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 07/02/2025 **Tested on:** 14/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Fly Ash Brick, DT	---	---	---	9 x 4.4 x 3	---	2825	39.6	4	226	---	---
2	Fly Ash Brick, DT	---	---	---	9 x 4.4 x 3	---	3215	39.6	10	566	---	---
3	Fly Ash Brick, DT	---	---	---	9 x 4.4 x 3	---	3085	39.6	14	792	---	---
4	Fly Ash Brick, DT	---	---	---	9 x 4.4 x 3	---	3930	39.6	6	339	---	---
5	Fly Ash Brick, DT	---	---	---	9 x 4.4 x 3.1	---	2855	39.6	5	283	---	---
6	Fly Ash Brick, DT	---	---	---	9 x 4.4 x 3	---	3610	39.6	6	339	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

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

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

8858
Dr. Qasim Khan

To: Mr. Asad Khalil
Manga Mandi

Project: Nil

Our Ref. No. CL/CED/ 7399 **Dated:** 14/2/2025 **Test Specification**

Your Ref. No. Nil **Dated:** Nil (----)

COMPRESSION TEST REPORT

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

Specimens received on: 07/02/2025 **Tested on:** 14/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Rectangular, Grey, 60 mm	---	---	---	7.8 x 3.8 x 2.7	---	2790	29.64	24	1814	---	---
2	Rectangular, Grey, 60 mm	---	---	---	7.8 x 3.8 x 2.6	---	2575	29.64	24	1814	---	---
3	Rectangular, Grey, 60 mm	---	---	---	7.8 x 3.8 x 2.6	---	2760	29.64	23	1738	---	---
4	Rectangular, Grey, 60 mm	---	---	---	7.8 x 3.8 x 2.7	---	2735	29.64	18	1360	---	---
5	Rectangular, Grey, 60 mm	---	---	---	7.8 x 3.8 x 2.8	---	2900	29.64	24	1814	---	---
6	Rectangular, Grey, 60 mm	---	---	---	7.8 x 3.8 x 2.2	---	2555	29.64	44	3325	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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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.

8846
Engr. A. Rehman

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

Project: Construction of Autism School, Lhr

Our Ref. No. CL/CED/ 7400-1 of 2 Dated: 14/2/2025 Test Specification

Your Ref. No. HAC-MAC/24/ECAS/Lab/005 Dated: 16/1/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 06/02/2025 Tested on: 14/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	SP	---	---	---	8.5 x 4.1 x 2.9	---	3360	34.85	44	2828	---	---
2	SP	---	---	---	8.8 x 4.2 x 2.9	---	3445	36.96	42	2545	---	---
3	SP	---	---	---	8.5 x 4 x 2.9	---	3400	34	42	2767	---	---
4	SP	---	---	---	9 x 4 x 2.9	3940	3420	36	---	---	15.2	---
5	SP	---	---	---	9 x 4.2 x 2.9	3925	3410	37.8	---	---	15.1	---
6	SP	---	---	---	8.9 x 4.2 x 3	3805	3415	37.38	---	---	11.42	---
7	S	---	---	---	8.7 x 4.3 x 2.8	---	3225	37.41	41	2455	---	---
8	S	---	---	---	8.7 x 4.1 x 2.9	---	3300	35.67	36	2261	---	---
9	S	---	---	---	8.8 x 4.2 x 3	---	3350	36.96	36	2182	---	---
10	S	---	---	---	8.5 x 4.1 x 2.8	3835	3210	34.85	---	---	19.47	---
11	S	---	---	---	8.8 x 4.1 x 3	3715	3320	36.08	---	---	11.9	---
12	S	---	---	---	8.6 x 4.2 x 3	3740	3375	36.12	---	---	10.81	---
13	---	---	---	---	---	---	---	---	---	---	---	---
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8846
Engr. A. Rehman

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

Project: Construction of Autism School, Lhr

Our Ref. No. CL/CED/ 7400-2 of 2 Dated: 14/2/2025 Test Specification

Your Ref. No. HAC-MAC/24/ECAS/Lab/005 Dated: 16/1/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 06/02/2025 Tested on: 14/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	AM	---	---	---	8.5 x 4.1 x 2.9	---	3230	34.85	40	2571	---	---
2	AM	---	---	---	8.8 x 4.2 x 2.9	---	3225	36.96	40	2424	---	---
3	AM	---	---	---	8.5 x 4 x 2.9	---	3235	34	38	2504	---	---
4	AM	---	---	---	8.5 x 4.2 x 2.9	3415	3180	35.7	---	---	7.39	---
5	AM	---	---	---	8.6 x 4.2 x 2.9	3515	3190	36.12	---	---	10.19	---
6	AM	---	---	---	8.9 x 4.2 x 3	3615	3200	37.38	---	---	12.97	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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8847
Engr. A. Rehman

To: Mr. Muhammad Shuaib
Asst. Engr, SDO B&R AGE (A) Khanewal.

Project: CA No. ENC-A-25/2025- Const of 1 x 128 Men SM BK, 176 HBBE Engr 2 Corps at Abk.

Our Ref. No. CL/CED/ 7401 Dated: 14/2/2025 Test Specification

Your Ref. No. 600/114/B&R Dated: 31/01/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 06/02/2025 Tested on: 14/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	PCC Hollow Block (1000 Psi)	---	---	---	15.4 x 7.9 x 7.5	---	18	67.98	56	1845	---	---
2	PCC Hollow Block (1000 Psi)	---	---	---	15.4 x 7.9 x 7.4	---	18.2	67.98	56	1845	---	---
3	PCC Hollow Block (1000 Psi)	---	---	---	15.4 x 8 x 7.5	---	18	69.52	60	1933	---	---
4	PCC Hollow Block (1000 Psi)	---	---	---	15.4 x 7.9 x 7.5	---	18.6	67.98	46	1516	---	---
5	PCC Hollow Block (1000 Psi)	---	---	---	15.4 x 7.9 x 7.4	---	18	67.98	63	2076	---	---
6	PCC Hollow Block (1000 Psi)	---	---	---	15.4 x 7.9 x 7.4	---	18.2	67.98	54	1779	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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