



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.

365
Engr. A. Rehman

To: Mr. Tanvir Naqvi
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd
Project: Scheme #7 Rehabilitation/ Improvement of Street (PCC) Sewerage, Drainage UC-130, 162, 163 Shalamar Zone MCL
Our Ref. No. CL/CED/ 9818-8 of 14 Dated: 04/11/2025
Your Ref. No. 4084/103/LDP/SMZ(S-7)/04/82 Dated: 11/10/2025

Test Specification
(---)

COMPRESSION TEST REPORT



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

Specimens received on: 21/10/2025 Tested on: 04/11/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Rect., Grey, 80 mm; UC-130 Sr-05	---	---	---	7.8 x 3.9 x 3.1	---	3870	30.42	112	8247	---	---
2	Rect., Grey, 80 mm; UC-130 Sr-05	---	---	---	7.8 x 3.9 x 3.1	---	3795	30.42	114	8394	---	---
3	Rect., Grey, 80 mm; UC-130 Sr-05	---	---	---	7.8 x 3.9 x 3.1	---	3870	30.42	108	7953	---	---
4	Rect., Grey, 80 mm; UC-130 Sr-05	---	---	---	7.8 x 3.9 x 3.1	---	3875	30.42	98	7216	---	---
5	Rect., Red, 80 mm; UC-130 Sr-05	---	---	---	7.8 x 3.9 x 3.1	---	3825	30.42	104	7658	---	---
6	Rect., Red, 80 mm; UC-130 Sr-05	---	---	---	7.8 x 3.9 x 3.1	---	3875	30.42	84	6185	---	---
7	Rect., Red, 80 mm; UC-130 Sr-05	---	---	---	7.8 x 3.9 x 3.1	---	3960	30.42	110	8100	---	---
8	Rect., Red, 80 mm; UC-130 Sr-05	---	---	---	7.8 x 3.9 x 3.1	---	3770	30.42	103	7584	---	---
9	Rect., Grey, 80 mm; UC-130 Sr-06	---	---	---	7.8 x 3.9 x 3.1	---	3835	30.42	109	8026	---	---
10	Rect., Grey, 80 mm; UC-130 Sr-06	---	---	---	7.8 x 3.9 x 3.1	---	3740	30.42	104	7658	---	---
11	Rect., Grey, 80 mm; UC-130 Sr-06	---	---	---	7.8 x 3.9 x 3.1	---	3635	30.42	107	7879	---	---
12	Rect., Grey, 80 mm; UC-130 Sr-06	---	---	---	7.8 x 3.9 x 3.1	---	3880	30.42	120	8836	---	---
13	Rect., Red, 80 mm; UC-130 Sr-06	---	---	---	7.8 x 3.9 x 3.1	---	3810	30.42	96	7069	---	---
14	Rect., Red, 80 mm; UC-130 Sr-06	---	---	---	7.8 x 3.9 x 3.1	---	3680	30.42	107	7879	---	---
15	Rect., Red, 80 mm; UC-130 Sr-06	---	---	---	7.8 x 3.9 x 3.1	---	3770	30.42	94	6922	---	---
16	Rect., Red, 80 mm; UC-130 Sr-06	---	---	---	7.8 x 3.9 x 3.1	---	3765	30.42	92	6774	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6"dia x 12" cylinder) strength at 28 days as compressive strength

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

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Director/Dy. Director Concrete Laboratory



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Our Ref. No. CL/CED/ 9818-9 of 14 Dated: 04/11/2025 Test Specification
Your Ref. No. 4084/103/LDP/SMZ(S-7)/04/82 Dated: 11/10/2025 (----)

COMPRESSION TEST REPORT



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

Specimens received on: 21/10/2025 Tested on: 04/11/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Rect., Grey, 80 mm; UC-130 Sr-08	---	---	---	7.8 x 3.9 x 3.1	---	3775	30.42	96	7069	---	---
2	Rect., Grey, 80 mm; UC-130 Sr-08	---	---	---	7.8 x 3.9 x 3.1	---	3825	30.42	96	7069	---	---
3	Rect., Grey, 80 mm; UC-130 Sr-08	---	---	---	7.8 x 3.9 x 3.1	---	3860	30.42	94	6922	---	---
4	Rect., Grey, 80 mm; UC-130 Sr-08	---	---	---	7.8 x 3.9 x 3.1	---	3625	30.42	98	7216	---	---
5	Rect., Red, 80 mm; UC-130 Sr-08	---	---	---	7.8 x 3.9 x 3.1	---	3780	30.42	108	7953	---	---
6	Rect., Red, 80 mm; UC-130 Sr-08	---	---	---	7.8 x 3.9 x 3.1	---	3695	30.42	86	6333	---	---
7	Rect., Red, 80 mm; UC-130 Sr-08	---	---	---	7.8 x 3.9 x 3.1	---	3710	30.42	109	8026	---	---
8	Rect., Red, 80 mm; UC-130 Sr-08	---	---	---	7.8 x 3.9 x 3.1	---	3760	30.42	112	8247	---	---
9	Rect., Grey, 80 mm; UC-130 Sr-11	---	---	---	7.8 x 3.9 x 3.1	---	3840	30.42	93	6848	---	---
10	Rect., Grey, 80 mm; UC-130 Sr-11	---	---	---	7.8 x 3.9 x 3.1	---	3730	30.42	79	5817	---	---
11	Rect., Grey, 80 mm; UC-130 Sr-11	---	---	---	7.8 x 3.9 x 3.1	---	3795	30.42	100	7364	---	---
12	Rect., Grey, 80 mm; UC-130 Sr-11	---	---	---	7.8 x 3.9 x 3.1	---	3865	30.42	94	6922	---	---
13	Rect., Red, 80 mm; UC-130 Sr-11	---	---	---	7.8 x 3.9 x 3.1	---	3775	30.42	83	6112	---	---
14	Rect., Red, 80 mm; UC-130 Sr-11	---	---	---	7.8 x 3.9 x 3.1	---	3840	30.42	92	6774	---	---
15	Rect., Red, 80 mm; UC-130 Sr-11	---	---	---	7.8 x 3.9 x 3.1	---	3760	30.42	100	7364	---	---
16	Rect., Red, 80 mm; UC-130 Sr-11	---	---	---	7.8 x 3.9 x 3.1	---	3960	30.42	87	6406	---	---

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Our Ref. No. CL/CED/ 9818-10 of 14 Dated: 04/11/2025
Your Ref. No. 4084/103/LDP/SMZ(S-7)/04/82 Dated: 11/10/2025

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Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Rect., Grey, 80 mm; UC-130 Sr-17	---	---	---	7.8 x 3.9 x 3.1	---	3820	30.42	112	8247	---	---
2	Rect., Grey, 80 mm; UC-130 Sr-17	---	---	---	7.8 x 3.9 x 3.1	---	3830	30.42	116	8542	---	---
3	Rect., Grey, 80 mm; UC-130 Sr-17	---	---	---	7.8 x 3.9 x 3.1	---	3690	30.42	95	6995	---	---
4	Rect., Grey, 80 mm; UC-130 Sr-17	---	---	---	7.8 x 3.9 x 3.1	---	3810	30.42	94	6922	---	---
5	Rect., Red, 80 mm; UC-130 Sr-17	---	---	---	7.8 x 3.9 x 3.1	---	3815	30.42	108	7953	---	---
6	Rect., Red, 80 mm; UC-130 Sr-17	---	---	---	7.8 x 3.9 x 3.1	---	3845	30.42	98	7216	---	---
7	Rect., Red, 80 mm; UC-130 Sr-17	---	---	---	7.8 x 3.9 x 3.1	---	3780	30.42	106	7805	---	---
8	Rect., Red, 80 mm; UC-130 Sr-17	---	---	---	7.8 x 3.9 x 3.1	---	3900	30.42	103	7584	---	---
9	Rect., Grey, 80 mm; UC-130 Sr-18	---	---	---	7.8 x 3.9 x 3.1	---	3710	30.42	93	6848	---	---
10	Rect., Grey, 80 mm; UC-130 Sr-18	---	---	---	7.8 x 3.9 x 3.1	---	3810	30.42	98	7216	---	---
11	Rect., Grey, 80 mm; UC-130 Sr-18	---	---	---	7.8 x 3.9 x 3.1	---	3720	30.42	105	7732	---	---
12	Rect., Grey, 80 mm; UC-130 Sr-18	---	---	---	7.8 x 3.9 x 3.1	---	3900	30.42	122	8984	---	---
13	Rect., Red, 80 mm; UC-130 Sr-18	---	---	---	7.8 x 3.9 x 3.1	---	3810	30.42	84	6185	---	---
14	Rect., Red, 80 mm; UC-130 Sr-18	---	---	---	7.8 x 3.9 x 3.1	---	3710	30.42	95	6995	---	---
15	Rect., Red, 80 mm; UC-130 Sr-18	---	---	---	7.8 x 3.9 x 3.1	---	3720	30.42	98	7216	---	---
16	Rect., Red, 80 mm; UC-130 Sr-18	---	---	---	7.8 x 3.9 x 3.1	---	3830	30.42	94	6922	---	---

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Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Rect., Grey, 80 mm; UC-130 Sr-21	---	---	---	7.8 x 3.9 x 3.1	---	3925	30.42	108	7953	---	---
2	Rect., Grey, 80 mm; UC-130 Sr-21	---	---	---	7.8 x 3.9 x 3.1	---	3990	30.42	120	8836	---	---
3	Rect., Grey, 80 mm; UC-130 Sr-21	---	---	---	7.8 x 3.9 x 3.1	---	3925	30.42	104	7658	---	---
4	Rect., Grey, 80 mm; UC-130 Sr-21	---	---	---	7.8 x 3.9 x 3.1	---	3705	30.42	103	7584	---	---
5	Rect., Red, 80 mm; UC-130 Sr-21	---	---	---	7.8 x 3.9 x 3.1	---	3775	30.42	94	6922	---	---
6	Rect., Red, 80 mm; UC-130 Sr-21	---	---	---	7.8 x 3.9 x 3.1	---	3760	30.42	103	7584	---	---
7	Rect., Red, 80 mm; UC-130 Sr-21	---	---	---	7.8 x 3.9 x 3.1	---	3730	30.42	96	7069	---	---
8	Rect., Red, 80 mm; UC-130 Sr-21	---	---	---	7.8 x 3.9 x 3.1	---	3740	30.42	98	7216	---	---
9	Rect., Grey, 80 mm; UC-130 Sr-26	---	---	---	7.8 x 3.9 x 3.1	---	3840	30.42	99	7290	---	---
10	Rect., Grey, 80 mm; UC-130 Sr-26	---	---	---	7.8 x 3.9 x 3.1	---	3835	30.42	86	6333	---	---
11	Rect., Grey, 80 mm; UC-130 Sr-26	---	---	---	7.8 x 3.9 x 3.1	---	3840	30.42	109	8026	---	---
12	Rect., Grey, 80 mm; UC-130 Sr-26	---	---	---	7.8 x 3.9 x 3.1	---	3835	30.42	88	6480	---	---
13	Rect., Red, 80 mm; UC-130 Sr-26	---	---	---	7.8 x 3.9 x 3.1	---	3790	30.42	91	6701	---	---
14	Rect., Red, 80 mm; UC-130 Sr-26	---	---	---	7.8 x 3.9 x 3.1	---	3795	30.42	78	5744	---	---
15	Rect., Red, 80 mm; UC-130 Sr-26	---	---	---	7.8 x 3.9 x 3.1	---	3850	30.42	90	6627	---	---
16	Rect., Red, 80 mm; UC-130 Sr-26	---	---	---	7.8 x 3.9 x 3.1	---	3695	30.42	94	6922	---	---

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		DD	MM	YYYY								
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2	Rect., Grey, 80 mm; UC-130 Sr-27	---	---	---	7.8 x 3.9 x 3.1	---	3720	30.42	108	7953	---	---
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9	Rect., Grey, 80 mm; UC-162 Sr-02	---	---	---	7.8 x 3.9 x 3.1	---	3710	30.42	112	8247	---	---
10	Rect., Grey, 80 mm; UC-162 Sr-02	---	---	---	7.8 x 3.9 x 3.1	---	3760	30.42	114	8394	---	---
11	Rect., Grey, 80 mm; UC-162 Sr-02	---	---	---	7.8 x 3.9 x 3.1	---	3755	30.42	109	8026	---	---
12	Rect., Grey, 80 mm; UC-162 Sr-02	---	---	---	7.8 x 3.9 x 3.1	---	3710	30.42	89	6554	---	---
13	Rect., Red, 80 mm; UC-162 Sr-02	---	---	---	7.8 x 3.9 x 3.1	---	3720	30.42	97	7143	---	---
14	Rect., Red, 80 mm; UC-162 Sr-02	---	---	---	7.8 x 3.9 x 3.1	---	3795	30.42	104	7658	---	---
15	Rect., Red, 80 mm; UC-162 Sr-02	---	---	---	7.8 x 3.9 x 3.1	---	3750	30.42	104	7658	---	---
16	Rect., Red, 80 mm; UC-162 Sr-02	---	---	---	7.8 x 3.9 x 3.1	---	3850	30.42	94	6922	---	---

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3	Rect., Grey, 80 mm; UC-162 Sr-03	---	---	---	7.8 x 3.9 x 3.1	---	3770	30.42	112	8247	---	---
4	Rect., Grey, 80 mm; UC-162 Sr-03	---	---	---	7.8 x 3.9 x 3.1	---	3780	30.42	114	8394	---	---
5	Rect., Red, 80 mm; UC-162 Sr-03	---	---	---	7.8 x 3.9 x 3.1	---	3715	30.42	108	7953	---	---
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9	Rect., Grey, 80 mm; UC-163 Sr-09	---	---	---	7.8 x 3.9 x 3.1	---	3895	30.42	100	7364	---	---
10	Rect., Grey, 80 mm; UC-163 Sr-09	---	---	---	7.8 x 3.9 x 3.1	---	3910	30.42	108	7953	---	---
11	Rect., Grey, 80 mm; UC-163 Sr-09	---	---	---	7.8 x 3.9 x 3.1	---	3845	30.42	103	7584	---	---
12	Rect., Grey, 80 mm; UC-163 Sr-09	---	---	---	7.8 x 3.9 x 3.1	---	3730	30.42	93	6848	---	---
13	Rect., Red, 80 mm; UC-163 Sr-09	---	---	---	7.8 x 3.9 x 3.1	---	3835	30.42	98	7216	---	---
14	Rect., Red, 80 mm; UC-163 Sr-09	---	---	---	7.8 x 3.9 x 3.1	---	3835	30.42	89	6554	---	---
15	Rect., Red, 80 mm; UC-163 Sr-09	---	---	---	7.8 x 3.9 x 3.1	---	3720	30.42	84	6185	---	---
16	Rect., Red, 80 mm; UC-163 Sr-09	---	---	---	7.8 x 3.9 x 3.1	---	3840	30.42	117	8615	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6"dia x 12" cylinder) strength at 28 days as compressive strength

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

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- 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.

365
Engr. A. Rehman

To: Mr. Tanvir Naqvi
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd
Project: Scheme #7 Rehabilitation/ Improvement of Street (PCC) Sewerage, Drainage UC-130, 162, 163 Shalamar Zone MCL
Our Ref. No. CL/CED/ 9818-14 of 14 Dated: 04/11/2025
Your Ref. No. 4084/103/LDP/SMZ(S-7)/04/82 Dated: 11/10/2025

Test Specification
(----)

COMPRESSION TEST REPORT



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

Specimens received on: 21/10/2025 Tested on: 04/11/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Rect., Grey, 80 mm; UC-163 Sr-10	---	---	---	7.8 x 3.9 x 3.1	---	3615	30.42	101	7437	---	---
2	Rect., Grey, 80 mm; UC-163 Sr-10	---	---	---	7.8 x 3.9 x 3.1	---	3920	30.42	109	8026	---	---
3	Rect., Grey, 80 mm; UC-163 Sr-10	---	---	---	7.8 x 3.9 x 3.1	---	3740	30.42	129	9499	---	---
4	Rect., Grey, 80 mm; UC-163 Sr-10	---	---	---	7.8 x 3.9 x 3.1	---	3900	30.42	109	8026	---	---
5	Rect., Red, 80 mm; UC-163 Sr-10	---	---	---	7.8 x 3.9 x 3.1	---	3840	30.42	88	6480	---	---
6	Rect., Red, 80 mm; UC-163 Sr-10	---	---	---	7.8 x 3.9 x 3.1	---	3740	30.42	88	6480	---	---
7	Rect., Red, 80 mm; UC-163 Sr-10	---	---	---	7.8 x 3.9 x 3.1	---	3780	30.42	99	7290	---	---
8	Rect., Red, 80 mm; UC-163 Sr-10	---	---	---	7.8 x 3.9 x 3.1	---	3740	30.42	94	6922	---	---
9	Rect., Grey, 80 mm; UC-163 Sr-18	---	---	---	7.8 x 3.9 x 3.1	---	3735	30.42	106	7805	---	---
10	Rect., Grey, 80 mm; UC-163 Sr-18	---	---	---	7.8 x 3.9 x 3.1	---	3900	30.42	111	8174	---	---
11	Rect., Grey, 80 mm; UC-163 Sr-18	---	---	---	7.8 x 3.9 x 3.1	---	3705	30.42	110	8100	---	---
12	Rect., Grey, 80 mm; UC-163 Sr-18	---	---	---	7.8 x 3.9 x 3.1	---	3720	30.42	100	7364	---	---
13	Rect., Red, 80 mm; UC-163 Sr-18	---	---	---	7.8 x 3.9 x 3.1	---	3740	30.42	104	7658	---	---
14	Rect., Red, 80 mm; UC-163 Sr-18	---	---	---	7.8 x 3.9 x 3.1	---	3620	30.42	103	7584	---	---
15	Rect., Red, 80 mm; UC-163 Sr-18	---	---	---	7.8 x 3.9 x 3.1	---	3935	30.42	89	6554	---	---
16	Rect., Red, 80 mm; UC-163 Sr-18	---	---	---	7.8 x 3.9 x 3.1	---	3670	30.42	108	7953	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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



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.

447
 Dr. M. Yousaf

To: Resident Engineer
 Al-Imam Enterprises (Pvt) Ltd. 47-L, Model Town Extension Lahore.
 Project: Construction of Zonal Office Building of Bank AL Habib Limited, Main Boulevard Gulberg, Lahore.
 (Civil & Structure Works Package)
 Our Ref. No. CL/CED/ 9855 Dated: 04/11/2025
 Your Ref. No. AIM/BAHL/1125/0311 Dated: 03/11/2025

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 03/11/2025 Tested on: 03/11/2025 in dry/wet condition



Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	8000 Psi	5	10	2025	6Diax12	---	14	28.28	84	6653	---	Non Engraved
2	8000 Psi	5	10	2025	6Diax12	---	14.2	28.28	95	7525	---	Non Engraved
3	8000 Psi	5	10	2025	6Diax12	---	14.2	28.28	93	7366	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. M. Izaz Butt, Mr. M. Zahid & Mr. M. Abbas

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

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

348
 Dr. M. Yousaf

To: Resident Engineer
 SAMPAK International (Pvt.) Ltd. (Consultant), UET Lahore Project.

Project: Renovation / Upgradation of Ali Mardan Hall (D-Hall)-UET Lahore.

Our Ref. No. CL/CED/ 9856 Dated: 04/11/2025 Test Specification
 Your Ref. No. III-466-BW-A/09 Dated: 17/10/2025 (BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **17/10/2025** Tested on: **03/11/2025** in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	111	---	---	---	8.8 x 4.1 x 2.8	2890	2580	36.08	34	2111	12.02	---
2	111	---	---	---	8.7 x 4 x 2.9	2945	2580	34.8	34	2189	14.15	---
3	111	---	---	---	8.7 x 4.1 x 3	2895	2605	35.67	36	2261	11.13	---
4	111	---	---	---	8.8 x 4 x 2.8	3040	2680	35.2	31	1973	13.43	---
5	111	---	---	---	8.9 x 4.1 x 2.9	2895	2580	36.49	37	2271	12.21	---
6	19.K	---	---	---	8.8 x 4.2 x 2.8	2855	2485	36.96	38	2303	14.89	---
7	19.K	---	---	---	8.9 x 4.1 x 2.9	2780	2420	36.49	37	2271	14.88	---
8	19.K	---	---	---	8.8 x 4 x 2.8	2745	2455	35.2	37	2355	11.81	---
9	19.K	---	---	---	8.9 x 4.1 x 2.9	2870	2510	36.49	36	2210	14.34	---
10	19.K	---	---	---	8.8 x 4 x 3	2755	2460	35.2	37	2355	11.99	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

397
 Dr. M. Yousaf

To: Mr. Mehran Ali
 Resident Engineer, AZ Engineering Associates, Hafizabad Residency
Project: Length = 45.00 KMS in District Hafizabad & Gujranwala (Section-1 K.M. No. 0.00 to 19.97 KMS (-) 0.81 KMS Bridges I/C Approaches L =19.16 KMS. (Bridge Girder Concrete RD 147+00)
 Our Ref. No. CL/CED/ 9857 Dated: 04/11/2025 Test Specification
 Your Ref. No. AZEA/RE/HFZ/773 Dated: 17/10/2025 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27/10/2025 Tested on: 03/11/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Bridge Girder (1:1:2) 5000 Psi	29	9	2025	6Diax12	---	13.6	28.28	94	7446	---	Non Engraved
2	Bridge Girder (1:1:2) 5000 Psi	29	9	2025	6Diax12	---	13.4	28.28	78	6178	---	Non Engraved
3	Bridge Girder (1:1:2) 5000 Psi	29	9	2025	6Diax12	---	13.6	28.28	87	6891	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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/>

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



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.

291
 Dr. M. Yousaf

To: ARE PCP Package-V
 MMP/Aid Consultants, Site Office (House No. C-73 Ibrahim City Khanewal). MM Pakistan Pvt. Ltd.
Project: Project Improvement and Rehabilitation of Fazal Park & Nishat Lake in Khanewal City under Punjab Cities Program (PCP)
 Our Ref. No. CL/CED/ 9858 Dated: 04/11/2025 Test Specification
 Your Ref. No. PCP/KWL-218/2025 Dated: 22/9/2025 (BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 06/10/2025 Tested on: 03/11/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	11	---	---	---	8.8 x 4.1 x 2.9	3485	3045	36.08	25	1552	14.45	---
2	11	---	---	---	8.7 x 4.3 x 2.8	3620	3150	37.41	36	2156	14.92	---
3	11	---	---	---	8.7 x 4.2 x 2.9	3560	3110	36.54	36	2207	14.47	---
4	11	---	---	---	8.7 x 4.3 x 2.8	3545	3100	37.41	23	1377	14.35	---
5	11	---	---	---	8.8 x 4.2 x 2.9	3500	3040	36.96	25	1515	15.13	---
6	11	---	---	---	8.7 x 4.1 x 2.8	3565	3090	35.67	24	1507	15.37	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

Director/Dy. Director Concrete Laboratory



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

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

291
 Dr. M. Yousaf

To: ARE PCP Package-V
 MMP/Aid Consultants, Site Office (House No. C-73 Ibrahim City Khanewal). MM Pakistan Pvt. Ltd.
Project: Project Improvement and Rehabilitation of Fazal Park & Nishat Lake in Khanewal City under Punjab Cities Program (PCP)
 Our Ref. No. CL/CED/ 9859 Dated: 04/11/2025 Test Specification
 Your Ref. No. PCP/KWL-220/2025 Dated: 30/09/2025 (BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 06/10/2025 Tested on: 03/11/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	BM	---	---	---	8.7 x 4.2 x 2.9	3540	3040	36.54	30	1839	16.45	---
2	BM	---	---	---	8.7 x 4.1 x 2.9	3270	2960	35.67	37	2324	10.47	---
3	BM	---	---	---	8.7 x 4.3 x 2.8	3520	3080	37.41	36	2156	14.29	---
4	BM	---	---	---	8.6 x 4.2 x 2.9	3530	3110	36.12	28	1736	13.5	---
5	BM	---	---	---	8.7 x 4.1 x 2.9	3670	3270	35.67	36	2261	12.23	---
6	BM	---	---	---	8.8 x 4.2 x 2.9	3520	3140	36.96	39	2364	12.1	---
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/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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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.

408
 Dr. M. Yousaf

To: Engr. Sheikh Maqbool Hassan
 Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Rehabilitation / Improvement of Streets (P.C.C.), Sewerage / Drainage UC-195 Nishtar Zone MCL

Our Ref. No. CL/CED/ 9860-1 of 2

Dated: 04/11/2025

Test Specification

Your Ref. No. RE/4084/04/MH/697

Dated: 03/10/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 29/10/2025 **Tested on:** 03/11/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	PCC Street- Street No. 112	1	7	2025	6x6x6	---	8.6	36	98	6098	---	Non Engraved
2	PCC Street- Street No. 112	1	7	2025	6x6x6	---	8.4	36	98	6098	---	Non Engraved
3	PCC Street- Street No. 110	7	7	2025	6x6x6	---	8.8	36	82	5102	---	Non Engraved
4	PCC Street- Street No. 110	7	7	2025	6x6x6	---	8.8	36	97	6036	---	Non Engraved
5	PCC Street- Street No. 72	7	7	2025	6x6x6	---	8.4	36	81	5040	---	Non Engraved
6	PCC Street- Street No. 72	7	7	2025	6x6x6	---	8.8	36	96	5973	---	Non Engraved
7	PCC Street- Street No. 46	12	7	2025	6x6x6	---	9	36	104	6471	---	Non Engraved
8	PCC Street- Street No. 46	12	7	2025	6x6x6	---	8.8	36	94	5849	---	Non Engraved
9	PCC Street- Street No. 97	12	7	2025	6x6x6	---	8.6	36	94	5849	---	Non Engraved
10	PCC Street- Street No. 97	12	7	2025	6x6x6	---	8.8	36	90	5600	---	Non Engraved
11	PCC Street- Street No. 68	13	7	2025	6x6x6	---	8.4	36	92	5724	---	Non Engraved
12	PCC Street- Street No. 68	13	7	2025	6x6x6	---	8.6	36	100	6222	---	Non Engraved
13	PCC Street- Street No. 69	13	7	2025	6x6x6	---	8.8	36	90	5600	---	Non Engraved
14	PCC Street- Street No. 69	13	7	2025	6x6x6	---	8.8	36	94	5849	---	Non Engraved
15	PCC Street- Street No. 103	13	7	2025	6x6x6	---	8.6	36	93	5787	---	Non Engraved
16	PCC Street- Street No. 103	13	7	2025	6x6x6	---	8.6	36	104	6471	---	Non Engraved

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

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

408
 Dr. M. Yousaf

To: Engr. Sheikh Maqbool Hassan
 Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Rehabilitation / Improvement of Streets (P.C.C.), Sewerage / Drainage UC-195 Nishtar Zone MCL

Our Ref. No. CL/CED/ 9860-2 of 2

Dated: 04/11/2025

Test Specification

Your Ref. No. RE/4084/04/MH/697

Dated: 03/10/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 29/10/2025 **Tested on:** 03/11/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	PCC Street- Street No. 106	15	7	2025	6x6x6	---	8.8	36	114	7093	---	Non Engraved
2	PCC Street- Street No. 106	15	7	2025	6x6x6	---	8.8	36	100	6222	---	Non Engraved
3	PCC Street- Street No. 102	15	7	2025	6x6x6	---	8.6	36	110	6844	---	Non Engraved
4	PCC Street- Street No. 102	15	7	2025	6x6x6	---	9	36	97	6036	---	Non Engraved
5	PCC Street- Street No. 107	18	7	2025	6x6x6	---	8.8	36	84	5227	---	Non Engraved
6	PCC Street- Street No. 107	18	7	2025	6x6x6	---	8.6	36	100	6222	---	Non Engraved
7	PCC Street- Street No. 108	18	7	2025	6x6x6	---	8.4	36	107	6658	---	Non Engraved
8	PCC Street- Street No. 108	18	7	2025	6x6x6	---	9	36	102	6347	---	Non Engraved
9	PCC Street- Street No. 105	19	7	2025	6x6x6	---	8.6	36	98	6098	---	Non Engraved
10	PCC Street- Street No. 105	19	7	2025	6x6x6	---	8.8	36	94	5849	---	Non Engraved
11	PCC Street- M.Jameel Wali	20	7	2025	6x6x6	---	8.6	36	102	6347	---	Non Engraved
12	PCC Street- M.Jameel Wali	20	7	2025	6x6x6	---	9	36	71	4418	---	Non Engraved
13	PCC Street- Street No. 117	21	7	2025	6x6x6	---	8.8	36	88	5476	---	Non Engraved
14	PCC Street- Street No. 117	21	7	2025	6x6x6	---	8.8	36	87	5413	---	Non Engraved
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** AC1318-08 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 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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408
 Dr. M. Yousaf

To: Engr. Sheikh Maqbool Hassan
 Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Rehabilitation / Improvement of Streets (P.C.C.), Sewerage / Drainage UC-195 Nishtar Zone MCL

Our Ref. No. CL/CED/ 9861-1 of 2

Dated: 04/11/2025

Test Specification

Your Ref. No. RE/4084/04/MH/696

Dated: 03/10/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **29/10/2025** Tested on: **03/11/2025** in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	St. #24 Akber Jutt Wali Sharif Pura	26	6	2025	6x6x6	---	8.2	36	84	5227	---	Non Engraved
2	St. #24 Akber Jutt Wali Sharif Pura	26	6	2025	6x6x6	---	9	36	84	5227	---	Non Engraved
3	St. #21 Shahzad Wali Sharif Pura	26	6	2025	6x6x6	---	9	36	80	4978	---	Non Engraved
4	St. #21 Shahzad Wali Sharif Pura	26	6	2025	6x6x6	---	8.8	36	92	5724	---	Non Engraved
5	St. #19Qari Asghar SharifPura	26	6	2025	6x6x6	---	8.4	36	89	5538	---	Non Engraved
6	St. #19Qari Asghar SharifPura	26	6	2025	6x6x6	---	8.8	36	94	5849	---	Non Engraved
7	PCC Street- Street No. 11	6	6	2025	6x6x6	---	8.8	36	86	5351	---	Non Engraved
8	PCC Street- Street No. 11	6	6	2025	6x6x6	---	9	36	105	6533	---	Non Engraved
9	PCC Street- Street No. 8	6	6	2025	6x6x6	---	9	36	104	6471	---	Non Engraved
10	PCC Street- Street No. 8	6	6	2025	6x6x6	---	8.6	36	91	5662	---	Non Engraved
11	PCC Street- Street No. 49	10	6	2025	6x6x6	---	8.6	36	87	5413	---	Non Engraved
12	PCC Street- Street No. 49	10	6	2025	6x6x6	---	8.8	36	107	6658	---	Non Engraved
13	PCC Street- Street No. 50	10	6	2025	6x6x6	---	8.6	36	116	7218	---	Non Engraved
14	PCC Street- Street No. 50	10	6	2025	6x6x6	---	8.6	36	110	6844	---	Non Engraved
15	PCC Street- Street No. 48	10	6	2025	6x6x6	---	8.8	36	94	5849	---	Non Engraved
16	PCC Street- Street No. 48	10	6	2025	6x6x6	---	9	36	68	4231	---	Non Engraved

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** AC1318-08 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 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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408
 Dr. M. Yousaf

To: Engr. Sheikh Maqbool Hassan
 Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Rehabilitation / Improvement of Streets (P.C.C.), Sewerage / Drainage UC-195 Nishtar Zone MCL

Our Ref. No. CL/CED/ 9860-2 of 2

Dated: 04/11/2025

Test Specification

Your Ref. No. RE/4084/04/MH/696

Dated: 03/10/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 29/10/2025 **Tested on:** 03/11/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	PCC Street- Street No. 74	15	6	2025	6x6x6	---	9	36	100	6222	---	Non Engraved
2	PCC Street- Street No. 74	15	6	2025	6x6x6	---	8.6	36	102	6347	---	Non Engraved
3	PCC Street- Street No. 73	18	6	2025	6x6x6	---	8.6	36	113	7031	---	Non Engraved
4	PCC Street- Street No. 73	18	6	2025	6x6x6	---	8.6	36	115	7156	---	Non Engraved
5	PCC Street- Street No. 79	21	6	2025	6x6x6	---	8.6	36	78	4853	---	Non Engraved
6	PCC Street- Street No. 79	21	6	2025	6x6x6	---	8.6	36	98	6098	---	Non Engraved
7	PCC Street- Street No. 69	24	6	2025	6x6x6	---	8.4	36	110	6844	---	Non Engraved
8	PCC Street- Street No. 69	24	6	2025	6x6x6	---	8.6	36	102	6347	---	Non Engraved
9	PCC Street- Street No. 31	24	6	2025	6x6x6	---	8.6	36	98	6098	---	Non Engraved
10	PCC Street- Street No. 31	24	6	2025	6x6x6	---	8.8	36	98	6098	---	Non Engraved
11	PCC Street- Street No. 64	28	6	2025	6x6x6	---	9	36	97	6036	---	Non Engraved
12	PCC Street- Street No. 64	28	6	2025	6x6x6	---	8.6	36	85	5289	---	Non Engraved
13	PCC Street- Street No. 111	1	7	2025	6x6x6	---	8.4	36	93	5787	---	Non Engraved
14	PCC Street- Street No. 111	1	7	2025	6x6x6	---	8.8	36	94	5849	---	Non Engraved
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 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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408
 Dr. M. Yousaf

To: Engr. Sheikh Maqbool Hassan
 Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Rehabilitation / Improvement of Streets (P.C.C.), Sewerage / Drainage UC-195 Nishtar Zone MCL

Our Ref. No. CL/CED/ 9862-1 of 2 Dated: 04/11/2025 Test Specification
 Your Ref. No. RE/4084/04/MH/698 Dated: 03/10/2025 (BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **29/10/2025** Tested on: **03/11/2025** in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	PCC Street- Street No. 82	23	7	2025	6x6x6	---	8.6	36	88	5476	---	Non Engraved
2	PCC Street- Street No. 82	23	7	2025	6x6x6	---	8.8	36	96	5973	---	Non Engraved
3	PCC Street- Street No. 04	25	7	2025	6x6x6	---	8.6	36	80	4978	---	Non Engraved
4	PCC Street- Street No. 04	25	7	2025	6x6x6	---	8.6	36	94	5849	---	Non Engraved
5	PCC Street- Street No. 23	26	7	2025	6x6x6	---	8.8	36	88	5476	---	Non Engraved
6	PCC Street- Street No. 23	26	7	2025	6x6x6	---	8.8	36	106	6596	---	Non Engraved
7	PCC Street- Street No. 20	22	7	2025	6x6x6	---	8.6	36	94	5849	---	Non Engraved
8	PCC Street- Street No. 20	22	7	2025	6x6x6	---	8.8	36	90	5600	---	Non Engraved
9	PCC Street- Street No. 75	2	8	2025	6x6x6	---	8.8	36	90	5600	---	Non Engraved
10	PCC Street- Street No. 75	2	8	2025	6x6x6	---	8.8	36	88	5476	---	Non Engraved
11	PCC Street- Street No. 114	4	8	2025	6x6x6	---	8.8	36	110	6844	---	Non Engraved
12	PCC Street- Street No. 114	4	8	2025	6x6x6	---	8.4	36	100	6222	---	Non Engraved
13	PCC Street- Street No. 113	6	8	2025	6x6x6	---	8.6	36	97	6036	---	Non Engraved
14	PCC Street- Street No. 113	6	8	2025	6x6x6	---	8.6	36	98	6098	---	Non Engraved
15	PCC Street- Street No. 104	8	8	2025	6x6x6	---	8.8	36	84	5227	---	Non Engraved
16	PCC Street- Street No. 104	8	8	2025	6x6x6	---	8.6	36	87	5413	---	Non Engraved

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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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 Dr. M. Yousaf

To: Engr. Sheikh Maqbool Hassan
 Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Rehabilitation / Improvement of Streets (P.C.C.), Sewerage / Drainage UC-195 Nishtar Zone MCL

Our Ref. No. CL/CED/ 9862-2 of 2

Dated: 04/11/2025

Test Specification

Your Ref. No. RE/4084/04/MH/698

Dated: 03/10/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 29/10/2025 **Tested on:** 03/11/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	PCC Street- Street No. 66	9	8	2025	6x6x6	---	8.8	36	88	5476	---	Non Engraved
2	PCC Street- Street No. 66	9	8	2025	6x6x6	---	8.4	36	84	5227	---	Non Engraved
3	PCC Street- Street No. 67	12	8	2025	6x6x6	---	8.6	36	83	5164	---	Non Engraved
4	PCC Street- Street No. 67	12	8	2025	6x6x6	---	8.8	36	98	6098	---	Non Engraved
5	PCC Street- Street No. 77	16	8	2025	6x6x6	---	8.8	36	84	5227	---	Non Engraved
6	PCC Street- Street No. 77	16	8	2025	6x6x6	---	8.8	36	96	5973	---	Non Engraved
7	PCC Street- Street No. 116	17	8	2025	6x6x6	---	8.8	36	96	5973	---	Non Engraved
8	PCC Street- Street No. 116	17	8	2025	6x6x6	---	8.6	36	92	5724	---	Non Engraved
9	PCC Street- Street No. 92	18	8	2025	6x6x6	---	8.8	36	81	5040	---	Non Engraved
10	PCC Street- Street No. 92	18	8	2025	6x6x6	---	9	36	82	5102	---	Non Engraved
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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

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- *** 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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Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

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Dr. M. Yousaf

To: Engr. Sheikh Maqbool Hassan
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Rehabilitation / Improvement of Streets (P.C.C.), Sewerage / Drainage UC-196 Nishtar Zone MCL

Our Ref. No. CL/CED/ 9863-1 of 2

Dated: 04/11/2025

Test Specification

Your Ref. No. RE/4084/04/MH/698

Dated: 03/10/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 29/10/2025 Tested on: 03/11/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Street No. 83, 3750 Psi	18	6	2025	6x6x6	---	8.6	36	87	5413	---	Non Engraved
2	Street No. 71, 3750 Psi	15	6	2025	6x6x6	---	8.6	36	88	5476	---	Non Engraved
3	Street No. 73, 3750 Psi	15	5	2025	6x6x6	---	8.8	36	84	5227	---	Non Engraved
4	Street No. 73, 3750 Psi	15	5	2025	6x6x6	---	8.8	36	83	5164	---	Non Engraved
5	Street No.101, 3750 Psi	19	5	2025	6x6x6	---	8.8	36	90	5600	---	Non Engraved
6	Street No.101, 3750 Psi	19	5	2025	6x6x6	---	8.6	36	87	5413	---	Non Engraved
7	Street No. 103,105, 3750 Psi	21	5	2025	6x6x6	---	8.8	36	88	5476	---	Non Engraved
8	Street No. 103,105, 3750 Psi	21	5	2025	6x6x6	---	9	36	87	5413	---	Non Engraved
9	Street No. 106,99, 3750 Psi	20	8	2025	6x6x6	---	8.6	36	97	6036	---	Non Engraved
10	Street No. 106,99, 3750 Psi	20	8	2025	6x6x6	---	8.6	36	113	7031	---	Non Engraved
11	Street No. 63,65, 3750 Psi	3	6	2025	6x6x6	---	8.6	36	94	5849	---	Non Engraved
12	Street No. 63,65, 3750 Psi	3	6	2025	6x6x6	---	8.8	36	93	5787	---	Non Engraved
13	Street No. 63,65, 3750 Psi	3	6	2025	6x6x6	---	8.6	36	94	5849	---	Non Engraved
14	Street No. 63,65, 3750 Psi	3	6	2025	6x6x6	---	8.8	36	98	6098	---	Non Engraved
15	Street No. 68,69, 3750 Psi	10	6	2025	6x6x6	---	8.6	36	106	6596	---	Non Engraved
16	Street No. 68,69, 3750 Psi	10	6	2025	6x6x6	---	8.6	36	84	5227	---	Non Engraved

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

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

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 Dr. M. Yousaf

To: Engr. Sheikh Maqbool Hassan
 Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Rehabilitation / Improvement of Streets (P.C.C.), Sewerage / Drainage UC-196 Nishtar Zone MCL

Our Ref. No. CL/CED/ 9863-2 of 2

Dated: 04/11/2025

Test Specification

Your Ref. No. RE/4084/04/MH/698

Dated: 03/10/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 29/10/2025 **Tested on:** 03/11/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Street No. 102,104, 3750 Psi	25	6	2025	6x6x6	---	8.8	36	100	6222	---	Non Engraved
2	Street No. 102,104, 3750 Psi	25	6	2025	6x6x6	---	8.4	36	102	6347	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** AC1318-08 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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory