



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.

6744
 Dr. Ubaid

To: Director (W&D)
 Punjab Small Industries Coporation, Directorate of Works & Development, Lahore.
Project: Establishment of Handicraft Development Centre, Kamalia. (Contractor: M/s M.H Engineering Services)
 Our Ref. No. CL/CED/ 4333 Dated: 29-02-24
 Your Ref. No. PSIC/W&D/473 Dated: 26-01-24

Test Specification
 (BS 3921**)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 21-02-24 Tested on: 29-02-24 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	Machine Made Double Line	---	---	---	8.7 x 4.3 x 2.8	3190	2855	37.41	34	2036	11.73	---
2	Machine Made Double Line	---	---	---	8.7 x 4.3 x 2.7	3210	2875	37.41	34	2036	11.65	---
3	Machine Made Double Line	---	---	---	8.7 x 4.3 x 2.9	3295	2880	37.41	44	2635	14.41	---
4	Machine Made Double Line	---	---	---	8.7 x 4.3 x 2.9	3360	3015	37.41	47	2814	11.44	---
5	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.8	3370	3030	36.96	25	1515	11.22	---
6	MB	---	---	---	8.8 x 4.1 x 2.8	3295	2935	36.08	33	2049	12.27	---
7	MB	---	---	---	8.7 x 4.1 x 2.7	3100	2775	35.67	45	2826	11.71	---
8	MB	---	---	---	8.7 x 4.1 x 2.8	3135	2825	35.67	36	2261	10.97	---
9	MB	---	---	---	8.7 x 4.1 x 2.8	3235	2940	35.67	41	2575	10.03	---
10	MB	---	---	---	8.8 x 4.1 x 2.8	2995	2685	36.08	38	2359	11.55	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * 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

- 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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6764
 Dr. Ubaid

To: Mr. Muhammad Sajjad
 Project Incharge

Project: Construction of House No.60, C Block Model Town Lahore. (Lift Retaining Wall)

Our Ref. No. CL/CED/ 4334

Dated: 29-02-24

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 26-02-24 Tested on: 29-02-24 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	Columns Concrete (4000 Psi)	25	1	2024	6Diax12	---	14	28.28	90	7129	---	Non Engraved
2	Columns Concrete (4000 Psi)	25	1	2024	6Diax12	---	14	28.28	78	6178	---	Non Engraved
3	Columns Concrete (4000 Psi)	25	1	2024	6Diax12	---	14	28.28	90	7129	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * 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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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6764
 Dr. Ubaid

To: Mr. Muhammad Sajjad
 Project Incharge

Project: Construction of House No.60, C Block Model Town Lahore. (Tanks Area Raft)

Our Ref. No. CL/CED/ 4335

Dated: 29-02-24

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 26-02-24 Tested on: 29-02-24 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	Columns Concrete (3000 Psi)	18	2	2024	6Diax12	---	13.6	28.28	63	4990	---	Engraved
2	Columns Concrete (3000 Psi)	18	2	2024	6Diax12	---	14	28.28	65	5149	---	Engraved
3	Columns Concrete (3000 Psi)	18	2	2024	6Diax12	---	14	28.28	66	5228	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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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ORIGINAL
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6759
 Dr. Ubaid

To: Mr. Muhammad Arfan Asif
 Engineer's Representative, Construction Management Division NESPAK (Pvt) Ltd.
 Project: Renovation / Upgradation of National Cricket Academy (Bob Woolmer) Lahore. (M/s NESCO Construction Services)
 Our Ref. No. CL/CED/ 4336 Dated: 29-02-24
 Your Ref. No. 4521/MAA/04/23 Dated: 23-02-24

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 23-02-24 Tested on: 29-02-24 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	---	26	1	2024	6Diax12	---	13	28.28	40	3168	---	Non Engraved
2	---	26	1	2024	6Diax12	---	13	28.28	58	4594	---	Non Engraved
3	---	26	1	2024	6Diax12	---	13	28.28	61	4832	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

- * 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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Director/Dy. Director Concrete Laboratory



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6777
 Dr. Ubaid

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.1)

Our Ref. No. CL/CED/ 4337

Dated: 29-02-24

Test Specification

Your Ref. No. RE/G3/GCWU/101

Dated: 12-02-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 27-02-24 **Tested on:** 29-02-24 **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	RCC Flooring (Area#09)	29	12	2023	6x6x6	---	8	36	80	4978	---	Engraved
2	RCC Flooring (Area#09)	29	12	2023	6x6x6	---	8	36	83	5164	---	Engraved
3	RCC Flooring (Area#09)	29	12	2023	6x6x6	---	8	36	85	5289	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * 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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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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6775
 Dr. Ubaid

To: Mr. Asif Javed
 Resident Engineer, New Vision Engineering Consultant.

Project: Strengthening Infrastructure and Academic Programs of Government College Women University Sialkot. Construction of Faculty Natural Sciences Block (First Floor) Group-01

Our Ref. No. CL/CED/ 4338

Dated: 29-02-24

Test Specification

Your Ref. No. NVEC/GCWUS/T-17

Dated: 01-01-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 27-02-24 Tested on: 29-02-24 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	Columns (Area#09)	5	12	2023	6x6x6	---	8	36	60	3733	---	Engraved
2	Columns (Area#09)	5	12	2023	6x6x6	---	8	36	78	4853	---	Engraved
3	Columns (Area#09)	5	12	2023	6x6x6	---	8	36	75	4667	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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6775
 Dr. Ubaid

To: Mr. Asif Javed
 Resident Engineer, New Vision Engineering Consultant.

Project: Strengthening Infrastructure and Academic Programs of Government College Women University Sialkot. Construction of Faculty Natural Sciences Block (First Floor) Group-01

Our Ref. No. CL/CED/ 4339

Dated: 29-02-24

Test Specification

Your Ref. No. NVEC/GCWUS/T-18

Dated: 08-01-24

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 27-02-24 Tested on: 29-02-24 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	Slab (Area#08)	9	12	2023	6x6x6	---	8	36	82	5102	---	Non Engraved
2	Slab (Area#08)	9	12	2023	6x6x6	---	8	36	88	5476	---	Non Engraved
3	Slab (Area#08)	9	12	2023	6x6x6	---	8	36	84	5227	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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6782
 Dr. Ubaid

To: Mr. Shehzad Ahmed
 CEO, Karsaaz Block and Tiles Factory and Hasnain Construction Services (Pvt) Ltd.

Project: Testing of Concrete Blocks-Quantity 2

Our Ref. No. CL/CED/ 4340

Dated: 29-02-24

Test Specification

Your Ref. No. Nil

Dated: Nil

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 27-02-24 **Tested on:** 29-02-24 **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	Solid Block	---	---	---	11.9 x 6 x 7.9	---	19	71.4	7	220	---	---
2	Solid Block	---	---	---	11.8 x 5.9 x 7.9	---	19.4	69.62	10	322	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
- **** 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

- 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.

6781
 Dr. Ubaid

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

Project: MCL Projects-Rehabilitation of Margazar Colony Peco Road Lahore.

Our Ref. No. CL/CED/ 4341

Dated: 29-02-24

Test Specification

Your Ref. No. 4048/103/MUR/104/1223

Dated: 03-02-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 27-02-24 Tested on: 29-02-24 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	---	20	1	2024	6x6x6	---	8.4	36	80	4978	---	Non Engraved
2	---	20	1	2024	6x6x6	---	8.2	36	62	3858	---	Non Engraved
3	---	20	1	2024	6x6x6	---	9	36	108	6720	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * as engraved on the specimens (if any)
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