



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.

5911
 Dr. M.Yousaf

To: Mr. Ali Raza
 Site Incharge, City Builders

Project: Library Complex Kinnaird College, Lahore.

Our Ref. No. CL/CED/ 3014

Dated: 25-09-23

Test Specification

Your Ref. No. C.B/KCWLP/03

Dated: 15-09-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 15-09-23 Tested on: 25-09-23 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	(3000 Psi)	21	7	2023	6Diax12	---	13.2	28.28	47	3723	---	Non Engraved
2	(3000 Psi)	21	7	2023	6Diax12	---	13.5	28.28	54	4277	---	Non Engraved
3	(3000 Psi)	21	7	2023	6Diax12	---	13.6	28.28	78	6178	---	Non Engraved
4	(4000 Psi)	28	7	2023	6Diax12	---	13.2	28.28	60	4752	---	Non Engraved
5	(4000 Psi)	28	7	2023	6Diax12	---	13.8	28.28	84	6653	---	Non Engraved
6	(4000 Psi)	28	7	2023	6Diax12	---	13.8	28.28	74	5861	---	Non Engraved
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)
- ** 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.

5848
 Dr. M.Yousaf

To: Engr. Muhammad Waqar Hussain
 Assistant Director Civil Works (II), National Skills University Islamabad

Project: Construction of Boundary Wall and Main Gate, Muridke Campus.

Our Ref. No. CL/CED/ 3015

Dated: 25-09-23

Test Specification

Your Ref. No. NSU/Muridke/Phase-1/2023/8

Dated: 01-09-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 05-09-23 **Tested on:** 25-09-23 **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	(1:4:8)	2	8	2023	6Diax12	---	13	28.28	22	1743	---	Non Engraved
2	(1:4:8)	2	8	2023	6Diax12	---	13.2	28.28	38	3010	---	Non Engraved
3	(1:4:8)	2	8	2023	6Diax12	---	13.4	28.28	26	2059	---	Non Engraved
4	(1:2:4)	5	8	2023	6Diax12	---	13.2	28.28	24	1901	---	Non Engraved
5	(1:2:4)	5	8	2023	6Diax12	---	13.4	28.28	52	4119	---	Non Engraved
6	(1:2:4)	5	8	2023	6Diax12	---	13.5	28.28	41	3248	---	Non Engraved
7	(1:1.5:3)	8	8	2023	6Diax12	---	13.2	28.28	41	3248	---	Non Engraved
8	(1:1.5:3)	8	8	2023	6Diax12	---	13.8	28.28	60	4752	---	Non Engraved
9	(1:1.5:3)	8	8	2023	6Diax12	---	13.5	28.28	54	4277	---	Non Engraved
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)
- ** 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.

5848
 Dr. M. Yousaf

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

Project: Construction of Boundary Wall and Main Gate at National Skills University Muridke Campus.

Our Ref. No. CL/CED/ 3016

Dated: 25-09-23

Test Specification

Your Ref. No. NSU/Muridke/Phase-1/2023/6

Dated: 28-08-23

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 05-09-23 **Tested on:** 25-09-23 **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	DA	---	---	---	8.3 x 4 x 2.8	3185	2960	33.2	43	2901	7.6	---
2	DA	---	---	---	8.3 x 4 x 2.9	3245	2980	33.2	42	2834	8.89	---
3	DA	---	---	---	8.5 x 4.2 x 3	3450	3090	35.7	30	1882	11.65	---
4	DA	---	---	---	8.4 x 4.2 x 2.9	3365	3040	35.28	40	2540	10.69	---
5	3	---	---	---	8.7 x 4.3 x 2.7	3260	2805	37.41	28	1677	16.22	---
6	3	---	---	---	8.7 x 4.3 x 2.7	3100	2650	37.41	25	1497	16.98	---
7	3	---	---	---	8.7 x 4.3 x 2.8	3220	2735	37.41	35	2096	17.73	---
8	3	---	---	---	8.7 x 4.3 x 2.8	3470	3010	37.41	20	1198	15.28	---
9	3	---	---	---	8.7 x 4.3 x 2.9	3415	2985	37.41	27	1617	14.41	---
10	3	---	---	---	8.8 x 4.4 x 3	3476	3035	38.72	33	1909	14.53	---
11	3	---	---	---	8.7 x 4.3 x 2.8	3155	2710	37.41	22	1317	16.42	---
12	3	---	---	---	8.8 x 4.3 x 2.8	3130	2660	37.84	25	1480	17.67	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
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



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.

5950
 Dr. M.Yousaf

To: Mr. M. Faisal Bhatti
 Construction Manager, Ittefaq Building Solutions (Pvt) Ltd.

Project: Mr. Imran Qamar Residence at Plot #103 St. John's Park, Cantt. Lahore

Our Ref. No. CL/CED/ 3017

Dated: 25-09-23

Test Specification

Your Ref. No. Nil

Dated: 22-09-23

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 22-09-23 **Tested on:** 25-09-23 **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	G.F Columns (4500 Psi)	25	8	2023	6x6x6	---	8	36	58	3609	---	Non Engraved
2	G.F Columns (4500 Psi)	25	8	2023	6x6x6	---	8.4	36	60	3733	---	Non Engraved
3	G.F Columns (4500 Psi)	25	8	2023	6x6x6	---	8.2	36	60	3733	---	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-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.

5899
 Dr. M. Yousaf

To: Sub Divisional Officer
 Buildings Sub Divisional No.10, Lahore.

Project: Construction of Environment Complex in Lahore.

Our Ref. No. CL/CED/ 3018

Dated: 25-09-23

Test Specification

Your Ref. No. 4614/10th

Dated: 10-08-23

(BS 3921)**

COMPRESSION TEST REPORT



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

Specimens received on: 13-09-23 **Tested on:** 25-09-23 **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	7-UP	---	---	---	8.8 x 4.3 x 2.9	3530	3100	37.84	47	2782	13.87	---
2	7-UP	---	---	---	8.7 x 4.2 x 2.9	3470	3120	36.54	50	3065	11.22	---
3	7-UP	---	---	---	8.9 x 4.3 x 3	3700	3240	38.27	42	2458	14.2	---
4	7-UP	---	---	---	8.8 x 4.4 x 3	3760	3310	38.72	40	2314	13.6	---
5	7-UP	---	---	---	8.8 x 4.3 x 3	3535	3115	37.84	46	2723	13.48	---
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-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



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.

5893
 Dr. M. Yousaf

To: Assistant Engineer
 Building and Works Department, University of Engineering and Technology, Lahore.
Project: Construction of "Centre for Excellence for Research Development & Training" Chemical Engineering Department, Main Campus, U.E.T, Lahore.
 Our Ref. No. CL/CED/ 3019 Dated: 25-09-23
 Your Ref. No. B&W/AEN-C/ECE/05 Dated: 04-09-23

Test Specification
 (BS 3921**)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 12-09-23 Tested on: 25-09-23 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	MBS	---	---	---	9 x 4.4 x 3	3710	3280	39.6	34	1923	13.11	---
2	MBS	---	---	---	8.9 x 4.4 x 3	3615	3230	39.16	40	2288	11.92	---
3	MBS	---	---	---	9 x 4.4 x 2.9	3710	3255	39.6	40	2263	13.98	---
4	MBS	---	---	---	9 x 4.4 x 3	3720	3295	39.6	42	2376	12.9	---
5	MBS	---	---	---	9 x 4.4 x 3	3695	3240	39.6	36	2036	14.04	---
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
- **** 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.

5893
 Dr. M. Yousaf

To: Assistant Engineer
 Building and Works Department, University of Engineering and Technology, Lahore.
Project: Construction of "Centre for Excellence for Research Development & Training" Chemical Engineering Department, Main Campus, U.E.T, Lahore.
 Our Ref. No. CL/CED/ 3020 Dated: 25-09-23
 Your Ref. No. b&w/AEN-C/ECE/06 Dated: 04-09-23

Test Specification
 (BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 12-09-23 Tested on: 25-09-23 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	---	---	---	8.4 x 4.2 x 2.8	3200	2765	35.28	32	2032	15.73	---
2	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.8	3380	2865	36.54	44	2697	17.98	---
3	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.8	3290	2935	36.54	46	2820	12.1	---
4	Machine Made Double Line	---	---	---	8.4 x 4.1 x 2.8	3220	3055	34.44	40	2602	5.4	---
5	Machine Made Double Line	---	---	---	8.5 x 4.2 x 2.8	3310	2795	35.7	36	2259	18.43	---
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
- **** 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.

5881
 Dr. M. Yousaf

To: Engr Shahzad Munir
 Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd.
 Project: Construction of Commercial Centre at UON Under the Project Strengthening of University of Narawal.
 Our Ref. No. CL/CED/ 3021 Dated: 25-09-23
 Your Ref. No. G3/UON/NWL/T-10 Dated: 07-09-23

Test Specification
 (----)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **11-09-23** Tested on: **25-09-23** 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	AW	---	---	---	8.5 x 4.1 x 2.8	2910	2325	34.85	30	1928	25.16	---
2	AW	---	---	---	8.5 x 4.1 x 2.9	2950	2385	34.85	34	2185	23.69	---
3	AS	---	---	---	8.4 x 4.2 x 2.7	3040	2515	35.28	34	2159	20.87	Machine Made
4	AS	---	---	---	8.3 x 4.2 x 2.7	3020	2500	34.86	35	2249	20.8	Machine Made
5	AS	---	---	---	8.7 x 4.2 x 2.7	3075	2580	36.54	37	2268	19.19	Machine Made
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-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



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.

5932
 Dr. M. Yousaf

To: Mr. Muhammad Arfat
 Resident Engineer, ACE-ARTS (Consultants), UAEET (Sambrial, Sialkot)
 Project: Establishment of University of Applied Engineering and Emerging Technologies (UAEET) Sambrial, Sialkot.
 Our Ref. No. CL/CED/ 3022 Dated: 25-09-23
 Your Ref. No. ER/UAEET/ACE/ME/2023/42 Dated: 20-09-23

Test Specification
 (----)

COMPRESSION TEST REPORT



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

Specimens received on: 20-09-23 Tested on: 25-09-23 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	---	---	---	11.8 x 5.9 x 7.9	---	21.8	69.62	80	2574	---	---
2	Solid Block	---	---	---	11.9 x 5.9 x 7.9	---	20.4	70.21	97	3095	---	---
3	Solid Block	---	---	---	11.9 x 6 x 7.9	---	20.6	71.4	68	2133	---	---
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-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