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.

4683
Dr. Aqsa

To: Mr. Muhammad Azhar
Resident Engineer, Barrage, IBC. (Contractor: M/s DESCON Engineering Limited)

Project: Rehabilitation and Modernization of Islam Barrage. (Islam Barrage Colony)

Our Ref. No. CL/CED/ 1046 Dated: 31/01/2023 Test Specification

Your Ref. No. IBC/RE/UET/1053 Dated: 30/01/2023 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 31/01/2023 Tested on: 31/01/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	I-Section, Grey, 60mm	---	---	---	2.3 thick	---	3939	42.12	127	6754	---	---
2	I-Section, Grey, 60mm	---	---	---	2.3 thick	---	3865	42.12	149	7924	---	---
3	I-Section, Grey, 60mm	---	---	---	2.3 thick	---	3970	42.12	167	8881	---	---
4	I-Section, Grey, 60mm	---	---	---	2.3 thick	---	3615	42.12	180	9573	---	---
5	I-Section, Grey, 60mm	---	---	---	2.3 thick	---	3645	42.12	109	5797	---	---
6	I-Section, Grey, 60mm	---	---	---	2.3 thick	---	3925	42.12	183	9732	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. M. Shabbir Sandhu, M.S (IBC), CNIC # 33105-8437365-5 & Mr. Zubair Hasan CNIC # 35202-6351641-5

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

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

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

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

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

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

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

4614
Engr. Ubaid

To: **Mr. Ghulam Ahmad**
Tanveer Brothers, Shakargarh Road Zafarwal.

Project: Nil

Our Ref. No. CL/CED/ 1047 **Dated: 31/01/2023** **Test Specification**

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

COMPRESSION TEST REPORT

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

Specimens received on: 19/01/2023 Tested on: 31/01/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Solid Block	---	---	---	11.8x5.9x7.8	---	19	68.72	28	913	---	---
2	Solid Block	---	---	---	11.9x5.9x7.9	---	20	69.31	27	873	---	---
3	Solid Block	---	---	---	11.9x6.0x8.0	---	19.8	70.5	52	1652	---	---
4	Solid Block	---	---	---	11.9x6.0x7.9	---	20	70.5	49	1557	---	---
5	Solid Block	---	---	---	12.0x6.0x7.9	---	19	71.1	37	1166	---	---
6	Solid Block	---	---	---	11.9x5.9x7.8	---	19	69.31	34	1099	---	---
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/

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

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

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

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

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

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

4596
Dr. Aqsa

To: (Hafiz Ozair Ahmad)
Deputy Director (Q.C.D), WASA, LDA, Lahore. (Mian Waqas Engineer & Brothers Pvt. Ltd.)

Project: Tender No. XEN (O&M-I) / GBT / 2021-22 / 03 / Sewerage Scheme for UC-57, 58, 59, 61, 62, 63, 64, 65, 66, 67, 68, 69, 72, 73, 74 Lahore. (Al Riaz Civil Engineering Services Pvt. Ltd.) (JV).

Our Ref. No. CL/CED/ 1048 Dated: 31/01/2023

Your Ref. No. QCD/119-20 Dated: 13/01/2023

Test Specification
(BS 3921**)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 17/01/2023 Tested on: 31/01/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	39	---	---	---	8.8 x 4.4 x 3	3580	3065	38.72	45	2603	16.8	---
2	39	---	---	---	8.9 x 4.4 x 3	3700	3085	39.16	41	2345	19.94	---
3	39	---	---	---	8.8 x 4.3 x 3	3615	3080	37.84	43	2545	17.37	---
4	39	---	---	---	8.8 x 4.3 x 3	3580	3070	37.84	43	2545	16.61	---
5	39	---	---	---	8.8 x 4.3 x 2.9	3610	3100	37.84	41	2427	16.45	---
6	39	---	---	---	9 x 4.3 x 3	3620	3065	38.7	40	2315	18.11	---
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/

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

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

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

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

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

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

4652
Dr. Umbreen

To: **Mr. Mirza Usman Mughal**
ALFA TECH

Project: APS (Girls) Sarfraz Rafiqui Road, Lahore.

Our Ref. No. CL/CED/ 1049 **Dated: 31/01/2023** **Test Specification**

Your Ref. No. Nil **Dated: 25/01/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 25/01/2023 Tested on: 31/01/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Footing	23	12	2022	6Diax12	---	13	28.28	45	3564	---	Non Engraved
2	Footing	23	12	2022	6Diax12	---	12.2	28.28	39	3089	---	Non Engraved
3	Footing	23	12	2022	6Diax12	---	13	28.28	59	4673	---	Non Engraved
4	Column	28	12	2022	6Diax12	---	13	28.28	47	3723	---	Non Engraved
5	Column	28	12	2022	6Diax12	---	12.4	28.28	55	4356	---	Non Engraved
6	Column	28	12	2022	6Diax12	---	12.4	28.28	35	2772	---	Non Engraved
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/

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

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

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

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

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

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

4685
Dr. Aqsa

To: **Mr. Ameen Firdous, Civil Engineer & Technologists**
Prime Builders.

Project: Nil

Our Ref. No. CL/CED/ 1050 **Dated: 31/01/2023** **Test Specification**

Your Ref. No. Nil **Dated: 31/01/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 31/01/2023 Tested on: 31/01/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	---	24	12	2022	6Diax12	---	14	28.28	120	9505	---	Non Engraved
2	---	24	12	2022	6Diax12	---	14	28.28	119	9426	---	Non Engraved
3	---	24	12	2022	6Diax12	---	13.8	28.28	107	8475	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6		---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Ameen Firdous, CNIC # 36501-4908515-5

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

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

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

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

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

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

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

4625
Dr. Aqsa

To: **(Mr. Saifullah Amin)**
Senior Resident Engineer, NESPAK (Pvt) Ltd.

Project: Public Spaces Upgradation of Existing Parks in Sahiwal & Sialkot, Lot-2: Works For Upgradation of 4 Existing Parks in Sialkot. (Contractor: M/s HCS-MASTIC JV)

Our Ref. No. CL/CED/ 1051 **Dated: 31/01/2023** **Test Specification**

Your Ref. No. Nespak/SA/UET/032 **Dated: 11/01/2023** **(----)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 20/01/2023 Tested on: 31/01/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3665	29.64	64	4837	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3660	29.64	89	6726	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3615	29.64	66	4988	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3585	29.64	55	4157	---	---
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3695	29.64	97	7331	---	---
6	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3735	29.64	83	6273	---	---
7	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3600	29.64	63	4761	---	---
8	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3580	29.64	61	4610	---	---
9	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2710	29.64	65	4912	---	---
10	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2740	29.64	65	4912	---	---
11	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2815	29.64	107	8086	---	---
12	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2685	29.64	57	4308	---	---
13	Rectangular, Red, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2825	29.64	95	7179	---	---
14	Rectangular, Red, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2900	29.64	82	6197	---	---
15	Rectangular, Red, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2820	29.64	70	5290	---	---
16	Rectangular, Red, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2755	29.64	73	5517	---	---

Witnessed by: Mr. Ahmad Zafar Gondal, CNIC # 34101-8284566-7

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

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

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

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

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

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

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

4613
Dr. Aqsa

To: **Mr. Muhammad Hassan Khan**
Resident Engineer, NESPAK (Pvt.) Ltd.

Project: Establishment of Sports Complex in Singh Pura, Lahore. (M/s SMA Engineering and Services Pvt. Ltd.)

Our Ref. No. CL/CED/ 1052 **Dated: 31/01/2023** **Test Specification**

Your Ref. No. 3772/103/NA122/RE/05/07 **Dated: 12/01/2023** **(BS 3921**)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 19/01/2023 Tested on: 31/01/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	A1	---	---	---	8.8 x 4.3 x 2.9	3655	3575	37.84	43	2545	2.24	---
2	A1	---	---	---	8.5 x 4.2 x 2.9	3480	3290	35.7	45	2824	5.78	---
3	A1	---	---	---	8.8 x 4.3 x 3	3730	3395	37.84	41	2427	9.87	---
4	A1	---	---	---	8.9 x 4.4 x 3	3815	3545	39.16	44	2517	7.62	---
5	A1	---	---	---	8.5 x 4 x 2.9	3390	3180	34	43	2833	6.6	---
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/

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

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

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

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

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

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

4584
Dr. Aqsa

To: (Mr. Aamir Shahzad Alvi)
Project Manager, High Q Constructions.

Project: Construction of High-Q Mall & Offices, Gulberg II, Lahore.

Our Ref. No. CL/CED/ 1053 Dated: 31/01/2023 **Test Specification**

Your Ref. No. QC/HQ/CIVIL/58 Dated: 13/01/2023 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 16/01/2023 **Tested on:** 31/01/2023 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Slab (6000 Psi)	15	12	2022	6Diax12	---	13.6	28.28	82	6495	---	Non Engraved
2	Slab (6000 Psi)	15	12	2022	6Diax12	---	13.2	28.28	99	7842	---	Non Engraved
3	Slab (6000 Psi)	15	12	2022	6Diax12	---	13	28.28	79	6257	---	Non Engraved
4	Retaining Wall (6000 Psi)	16	12	2022	6Diax12	---	13.2	28.28	82	6495	---	Non Engraved
5	Retaining Wall (6000 Psi)	16	12	2022	6Diax12	---	13.2	28.28	90	7129	---	Non Engraved
6	Retaining Wall (6000 Psi)	16	12	2022	6Diax12	---	13	28.28	78	6178	---	Non Engraved
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Saeed Khan, CNIC # 13101-1036800-1

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

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