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.

4438
Dr. Umbreen

To: (Mr. Muhammad Umair Sajid), Sr. Engineer (Civil) KCP (W&S)
Post Office KCP Colony Girote Chowk, Jauharabad.

Project: Pakistan Atomic Energy Commission, Kundian Chemical Plants (W&S) Post Office KCP Colony Girote Chowk, Jauharabad.

Our Ref. No. CL/CED/ 725 Dated: 26-12-22 Test Specification

Your Ref. No. KCP(W&S)-Sec-(COR)/2022 Dated: 19-12-22 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 19-12-22 Tested on: 26-12-22 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	Plain Fly-Ash Brick	---	---	---	9.1 x 4.5 x 2.8	3920	3480	40.95	41	2243	12.64	---
2	Plain Fly-Ash Brick	---	---	---	9.1 x 4.5 x 2.8	3895	3455	40.95	34	1860	12.74	---
3	Plain Fly-Ash Brick	---	---	---	9.1 x 4.5 x 2.8	3980	3470	40.95	45	2462	14.7	---
4	Plain Fly-Ash Brick	---	---	---	9 x 4.5 x 2.8	3810	3315	40.5	41	2268	14.93	---
5	Plain Fly-Ash Brick	---	---	---	9.1 x 4.5 x 2.8	3910	3410	40.95	37	2024	14.66	---
6	Plain Fly-Ash Brick	---	---	---	9 x 4.5 x 2.8	3930	3445	40.5	37	2046	14.08	---
7	Plain Fly-Ash Brick	---	---	---	9.1 x 4.5 x 2.8	3805	3350	40.95	35	1915	13.58	---
8	Plain Fly-Ash Brick	---	---	---	9 x 4.5 x 2.9	3915	3320	40.5	27	1493	17.92	---
9	Plain Fly-Ash Brick	---	---	---	9 x 4.5 x 2.9	3905	3430	40.5	37	2046	13.85	---
10	Plain Fly-Ash Brick	---	---	---	9.1 x 4.5 x 2.8	3825	3315	40.95	33	1805	15.38	---
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.

4446
Dr. Asad Gilani

To: **Mr. Qasim Masood, Qualiy Control Engineer**
Infrastructure Development Authority of the Punjab.

Project: Establishment of Pilot Program for HUB & Spoke Model at Zahir Pir ("The Project").

Our Ref. No. CL/CED/ 726 **Dated: 26/12/2022** **Test Specification**

Your Ref. No. PM/HSMZP/IQC/IDAP/2022/15700 **Dated: 20/12/2022** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 21/12/2022 Tested on: 26/12/2022 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	---	---	---	12 x 6 x 8	---	19.2	72	67	2084	---	Used Sample
2	Solid Block	---	---	---	12 x 6 x 7.7	---	19.8	72	71	2209	---	Used Sample
3	Solid Block	---	---	---	12 x 5.9 x 7.9	---	20	70.8	69	2183	---	Used Sample
4	Solid Block	---	---	---	11.9 x 5.9 x 7.8	---	17.8	70.21	10	319	---	Used Sample
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Atiq-ur-Rehman, Manager Projects (IDAP)

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.

4420
Dr. Umbreen

To: Engr. Shahid Iqbal, Manager Construction
Trans-Continental Freight Pvt. Ltd.

Project: Construction of TAQ House-Gulberg at Plot No 6F, Main Market, Gulberg-II, Lahore.

Our Ref. No. CL/CED/ 727 **Dated: 26/12/2022** **Test Specification**

Your Ref. No. THG/024/UET **Dated: 08-12-22** **(BS 3921**)**

COMPRESSION TEST REPORT

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

Specimens received on: 15/12/2022 **Tested on:** 26/12/2022 **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	NB	---	---	---	8.8 x 4.3 x 3	3720	3260	37.84	39	2309	14.11	---
2	NB	---	---	---	8.8 x 4.3 x 3.1	3660	3205	37.84	37	2190	14.2	---
3	NB	---	---	---	8.7 x 4.3 x 3	3695	3290	37.41	39	2335	12.31	---
4	NB	---	---	---	8.9 x 4.2 x 3.2	3725	3345	37.38	41	2457	11.36	---
5	NB	---	---	---	8.8 x 4.1 x 3.1	3645	3330	36.08	43	2670	9.46	---
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/

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.

4389
Dr. Umbreen

To: Mr. Muhammad Hassan Khan, Resident Engineer
NESPAK Pvt. Ltd. Highway and Transportation Engineering Division

Project: Establishment of Sports Complex at Shalimar Lahore (LDP), NA-130. (Contractor: M/s SCPL Pvt. Ltd.)

Our Ref. No. CL/CED/ 728 Dated: 26/12/2022 Test Specification

Your Ref. No. 3772/103/NA130/RE/05/02 Dated: 09-12-22 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 09-12-22 Tested on: 26/12/2022 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	29	---	---	---	8.7 x 4.2 x 2.8	3530	3220	36.54	47	2881	9.63	---
2	29	---	---	---	8.8 x 4.3 x 2.9	3495	3170	37.84	49	2901	10.25	---
3	29	---	---	---	8.8 x 4.3 x 2.9	3555	3200	37.84	39	2309	11.09	---
4	29	---	---	---	8.7 x 4.3 x 2.9	3595	3185	37.41	37	2215	12.87	---
5	29	---	---	---	8.7 x 4.3 x 2.7	3290	2995	37.41	37	2215	9.85	---
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/

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.

4410
Dr. Umbreen

To: Mr. Muhammad Imran Khan, Material Engineer
Engineering Consultancy Services Punjab (Pvt) Limited.

Project: Reconstruction of Pipal House A-Block Lahore. (M/s Uni Build Associate Pvt. Ltd.)

Our Ref. No. CL/CED/ 729 **Dated:** 26/12/2022 **Test Specification**

Your Ref. No. 343/ECSP/PH/ME/30 **Dated:** 10-12-22 **(BS 3921**)**

COMPRESSION TEST REPORT

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

Specimens received on: 14/12/2022 **Tested on:** 26/12/2022 **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	7UP	---	---	---	8.8 x 4.3 x 3.1	3820	3330	37.84	37	2190	14.71	---
2	7UP	---	---	---	9 x 4.3 x 3	3830	3315	38.7	35	2026	15.54	---
3	7UP	---	---	---	8.8 x 4.3 x 3.1	3630	3200	37.84	43	2545	13.44	---
4	7UP	---	---	---	8.8 x 4.3 x 3.1	3605	3190	37.84	39	2309	13.01	---
5	7UP	---	---	---	8.8 x 4.3 x 3	3505	3055	37.84	31	1835	14.73	---
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/

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.

4394
Dr. Umbreen

To: Ms. Maryam Adnan, Executive Engineer
Office of Executive Engineer, 5th Building Division, Lahore.

Project: Construction of Driver Shed & Fire Fighting System (Group No.6) Extension of Punjab Assembly Building Lahore.

Our Ref. No. CL/CED/ 730 Dated: 26/12/2022 Test Specification

Your Ref. No. No. 5528 Dated: 08-12-22 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 12-12-22 Tested on: 26/12/2022 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	23	---	---	---	9 x 4.3 x 2.9	3555	3015	38.7	37	2142	17.91	---
2	23	---	---	---	9 x 4.3 x 2.9	3690	3120	38.7	27	1563	18.27	---
3	23	---	---	---	9 x 4.4 x 2.9	3650	3125	39.6	37	2093	16.8	---
4	23	---	---	---	9 x 4.3 x 3	3645	3200	38.7	39	2257	13.91	---
5	23	---	---	---	9.1 x 4.4 x 3	3735	3145	40.04	35	1958	18.76	---
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/

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.

4443
Dr. Umbreen

To: Mr. Muhammad Adnan, Project Manager
ICON Valley Phase II

Project: Construction of ICON Signature 3rd Floor Slab Last Part

Our Ref. No. CL/CED/ 731 **Dated: 26/12/2022** **Test Specification**

Your Ref. No. Nil **Dated: 05-12-22** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 21/12/2022 Tested on: 26/12/2022 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	3rd Floor Slab (4000 Psi)	3	11	2022	6Diax12	---	13.8	28.28	45	3564	---	Non Engraved
2	3rd Floor Slab (4000 Psi)	3	11	2022	6Diax12	---	14	28.28	57	4515	---	Non Engraved
3	3rd Floor Slab (4000 Psi)	3	11	2022	6Diax12	---	13.4	28.28	59	4673	---	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/

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.

4450
Dr. Umbreen

To: **Mr. Muhammad Irfan, Material Engineer**
Banu Mukhtar Contracting (Pvt.) Ltd.

Project: Construction of Burj-1 by Ajwa Builders

Our Ref. No. CL/CED/ 732 **Dated: 26/12/2022** **Test Specification**

Your Ref. No. DOC-BSMC/AJWA/035 **Dated: 21/12/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 21/12/2022 Tested on: 26/12/2022 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	Column#04&T, Wall#04(6000 Psi)	15	11	2022	6Diax12	---	13	28.28	79	6257	---	Non Engraved
2	Column#04&T, Wall#04(6000 Psi)	15	11	2022	6Diax12	---	13.6	28.28	83	6574	---	Non Engraved
3	Column#04&T, Wall#04(6000 Psi)	15	11	2022	6Diax12	---	14	28.28	90	7129	---	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/

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.

4442
Dr. Umbreen

To: Mr. Mohsin Nawaz, Site Supervisor
Pakistan Rangers (Punjab), Ghazi Road Lahore.

Project: Construction of OPD Block

Our Ref. No. CL/CED/ 733 **Dated: 26/12/2022** **Test Specification**

Your Ref. No. 2231/Works/2102 **Dated: 06-12-22** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 20/12/2022 Tested on: 26/12/2022 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	Plinth Beam	5	12	2022	6Diax12	---	14	28.28	27	2139	---	Engraved
2	Plinth Beam	5	12	2022	6Diax12	---	14	28.28	25	1980	---	Engraved
3	Plinth Beam	5	12	2022	6Diax12	---	14.2	28.28	29	2297	---	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/

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.

4455
Dr. Umbreen

To: **Mr. Arfan Nazir, Manager Civil**
Nishat Mills Limited. (Contractor: Ittefaq Building Solution)

Project: Construction of Nishat Stitching Bath Division U-95

Our Ref. No. CL/CED/ 734 **Dated: 26/12/2022** **Test Specification**

Your Ref. No. NDF/CT/008 **Dated: 21/12/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 22/12/2022 Tested on: 26/12/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	C-30 GF Slab (15~18/D~F)	15	12	2022	6x6x6	---	8	36	73	4542	---	Non Engraved
2	C-30 GF Slab (15~18/D~F)	15	12	2022	6x6x6	---	8.4	36	67	4169	---	Non Engraved
3	C-30 GF Slab (15~18/D~F)	15	12	2022	6x6x6	---	8.4	36	73	4542	---	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/

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.

4455
Dr. Umbreen

To: **Mr. Arfan Nazir, Manager Civil**
Nishat Mills Limited. (Contractor: Ittefaq Building Solution)

Project: Construction of Nishat Stitching Bath Division U-95

Our Ref. No. CL/CED/ 735 **Dated: 26/12/2022** **Test Specification**

Your Ref. No. NDF/CT/007 **Dated: 13/12/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 22/12/2022 Tested on: 26/12/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	C-30 GF Slab (15~18/A~D)	7	12	2022	6x6x6	---	8.2	36	86	5351	---	Non Engraved
2	C-30 GF Slab (15~18/A~D)	7	12	2022	6x6x6	---	8.4	36	73	4542	---	Non Engraved
3	C-30 GF Slab (15~18/A~D)	7	12	2022	6x6x6	---	8.2	36	81	5040	---	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/

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.

4455
Dr. Umbreen

To: **Mr. Arfan Nazir, Manager Civil**
Nishat Mills Limited. (Contractor: Ittefaq Building Solution)

Project: Construction of Nishat Stitching Bath Division U-95

Our Ref. No. CL/CED/ 736 **Dated: 26/12/2022** **Test Specification**

Your Ref. No. NDF/CT/006 **Dated: 13/12/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 22/12/2022 Tested on: 26/12/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	C-30 GF Slab (11'~14/D~F)	7	12	2022	6x6x6	---	8.2	36	94	5849	---	Engraved
2	C-30 GF Slab (11'~14/D~F)	7	12	2022	6x6x6	---	8.2	36	98	6098	---	Engraved
3	C-30 GF Slab (11'~14/D~F)	7	12	2022	6x6x6	---	8.6	36	86	5351	---	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/

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.

4456
Dr. Umbreen

To: **Engr. Muhammad Waqas, Project Engineer**
Design Matrix

Project: Nil

Our Ref. No. CL/CED/ 737 **Dated: 26/12/2022** **Test Specification**

Your Ref. No. DM/3000/ES **Dated: 22/12/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 22/12/2022 Tested on: 26/12/2022 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	---	14	12	2022	6x6x6	---	8.6	36	53	3298	---	Non Engraved
2	---	14	12	2022	6x6x6	---	8.8	36	55	3422	---	Non Engraved
3	---	14	11	2022	6x6x6	---	8.4	36	73	4542	---	Non Engraved
4	---	15	11	2022	6x6x6	---	8.6	36	61	3796	---	Non Engraved
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/

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.

4463
Dr. Umbreen

To: **Prof. Dr. Engr. Abdullah Yasar, Campus Engineer**
GC University, Lahore, Engineering Cell

Project: Construction of New Girls Hostel at main Campus GC University, Lahore.

Our Ref. No. CL/CED/ 738 **Dated: 26/12/2022** **Test Specification**

Your Ref. No. GCU/Engr/004/A **Dated: 22/12/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 23/12/2022 Tested on: 26/12/2022 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	(1:2:4)	24	11	2022	6x6x6	---	8.2	36	61	3796	---	Non Engraved
2	(1:2:4)	24	11	2022	6x6x6	---	8.4	36	79	4916	---	Non Engraved
3	(1:2:4)	24	11	2022	6x6x6	---	8.4	36	77	4791	---	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/

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.

4453
Dr. Umbreen

To: Ittefaq Building Solutions (Pvt.) Ltd.
Airline Society Khayaban-e-Jinnah, Lahore.

Project: Construction of Mr. Ahmed Laif Residence 511-J, DHA-VI, Lahore.

Our Ref. No. CL/CED/ 739 **Dated: 26/12/2022** **Test Specification**

Your Ref. No. Nil **Dated: 21/12/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 22/12/2022 Tested on: 26/12/2022 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	Basement RW (4000 Psi)	15	12	2022	6x6x6	---	8.8	36	75	4667	---	Engraved
2	Basement RW (4000 Psi)	15	12	2022	6x6x6	---	8.8	36	77	4791	---	Engraved
3	Basement RW (4000 Psi)	15	12	2022	6x6x6	---	8.6	36	75	4667	---	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/

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.

4457
Dr. Umbreen

To: Sub Divisional Officer
Highway Sub Division No. II, Gujrat

Project: Construction of Bridges & Approach Roads over Rainynullahs near Village Ghayyian & Bhojpur on Chohan Barilla Road, District Gujrat.

Our Ref. No. CL/CED/ 740 Dated: 26/12/2022 Test Specification

Your Ref. No. 1025/GTII Dated: 21/11/2022 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 22/12/2022 **Tested on:** 26/12/2022 **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	Type B 10%extra cement for piles	28	11	2022	6x6x6	---	8.8	36	102	6347	---	Non Engraved
2	Type B 10%extra cement for piles	28	11	2022	6x6x6	---	8.6	36	94	5849	---	Non Engraved
3	Type B 10%extra cement for piles	28	11	2022	6x6x6	---	8.4	36	77	4791	---	Non Engraved
4	Type A Girders	26	11	2022	6x6x6	---	8.6	36	100	6222	---	Non Engraved
5	Type A Girders	26	11	2022	6x6x6	---	8.4	36	77	4791	---	Non Engraved
6	Type A Girders	26	11	2022	6x6x6	---	8.4	36	86	5351	---	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-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**