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.

4791
Engr. Ubaid

To: **Engr. Jawad Ahmad, Civil Engineer**
Watersprint Ltd. 60-H, Gulberg-III, Lahore.

Project: Construction Site at House No. 814-Z, DHA, Phase-III.

Our Ref. No. CL/CED/ 1217 **Dated: 16/02/2023** **Test Specification**

Your Ref. No. WSL-172/GL **Dated: 15/02/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 15/02/2023 Tested on: 16/02/2023 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	814-Z Col. Batch-1 (3750 Psi)	22	1	2023	6Diax12	---	13.6	28.28	57	4515	---	Non Engraved
2	814-Z Col. Pad-1 (3750 Psi)	31	1	2023	6Diax12	---	12.8	28.28	57	4515	---	Non Engraved
3	814-Z Beam-1 (3000 Psi)	2	2	2023	6Diax12	---	13	28.28	50	3960	---	Non Engraved
4	814-Z Porch Col-2 (3750 Psi)	7	2	2023	6Diax12	---	13	28.28	40	3168	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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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**

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ORIGINAL
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4789
Dr. M. Yousaf

To: **Mr. Shakeel Salamat, 3A Tiles**
Office No.82, Bank Square Market Model Town Lahore

Project: New Age Cables

Our Ref. No. CL/CED/ 1218 **Dated: 16/02/2023** **Test Specification**

Your Ref. No. Nil **Dated: 15/02/2023** **(----)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 15/2/2023 Tested on: 16/02/2023 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	---	---	---	7.8x3.9x3.1	---	3545	30.42	42	3093	---	---
2	Rectangular Grey 80mm	---	---	---	7.8x3.9x3.1	---	3560	30.42	42	3093	---	---
3	Rectangular Grey 80mm	---	---	---	7.8x3.9x3.1	---	3630	30.42	59	4345	---	---
4	Rectangular Grey 80mm	---	---	---	7.8x3.9x3.1	---	3560	30.42	53	3903	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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
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ORIGINAL
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4767
Engr. Ubaid

To: Mr. Syed Zahid Hussain, Resident Engineer
AZ Engineering Associates, Kharian Residency. (M/s Ahsan Brothers)

Project: Rehabilitation of Road from Khuthiala Sheikhan to Phalia Length = 16.20 Km District Mandi Bahauddin.

Our Ref. No. CL/CED/ 1219 Dated: 16/02/2023

Your Ref. No. REAZEA/GT-558 Dated: 04/02/2023

Test Specification
(----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 13/2/2023 Tested on: 16/02/2023 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	---	---	---	7.8x3.8x3.0	---	3685	29.64	97	7331	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.0	---	3590	29.64	93	7028	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.7x3.7x3.0	---	3505	28.49	95	7469	---	---
4	Rectangular, Red, 80mm	---	---	---	7.7x3.7x3.0	---	3515	28.49	87	6840	---	---
5	Rectangular, Red, 80mm	---	---	---	7.7x3.7x3.0	---	3610	28.49	100	7862	---	---
6	Rectangular, Red, 80mm	---	---	---	7.7x3.7x3.0	---	3535	28.49	88	6919	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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ORIGINAL
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4783
Engr. Ubaid

To: **Mr. Abdul Qayyum Chaudary, Resident Engineer**
NESPAK (Pvt.) Ltd. Highway and Transportation Engineering Division

Project: Maintenance and Repair of Package Nos. 1-3, 3B & 4-17 and Nawaz Sharif I/C of Lahore Ring Road (Northern Loop) for FY-2021-22. (Contractor: M/s Zoraiz Engineers Pvt. Ltd.)

Our Ref. No. CL/CED/ 1220-1 of 2 **Dated: 16/02/2023** **Test Specification**

Your Ref. No. 2636/103/M&R/AQC/21-22/18 **Dated: 01/06/2023** **(----)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 14/2/2023 **Tested on:** 16/02/2023 **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	---	---	---	7.8x3.8x3.0	---	3585	29.64	86	6499	---	---
2	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3680	29.64	98	7406	---	---
3	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3610	29.64	75	5668	---	---
4	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3610	29.64	82	6197	---	---
5	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3665	29.64	87	6575	---	---
6	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3770	29.64	88	6650	---	---
7	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3640	29.64	79	5970	---	---
8	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3620	29.64	65	4912	---	---
9	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3690	29.64	96	7255	---	---
10	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3570	29.64	96	7255	---	---
11	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3655	29.64	109	8238	---	---
12	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3490	29.64	77	5819	---	---
13	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3605	29.64	111	8389	---	---
14	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3605	29.64	95	7179	---	---
15	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3755	29.64	95	7179	---	---
16	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3605	29.64	93	7028	---	---

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)
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ORIGINAL
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Engr. Ubaid

To: Mr. Abdul Qayyum Chaudary, Resident Engineer
NESPAK (Pvt.) Ltd. Highway and Transportation Engineering Division

Project: Maintenance and Repair of Package Nos. 1-3, 3B & 4-17 and Nawaz Sharif I/C of Lahore Ring Road (Northern Loop) for FY-2021-22. (Contractor: M/s Zoraiz Engineers Pvt. Ltd.)

Our Ref. No. CL/CED/ 1220- 2 of 2 Dated: 16/02/2023 **Test Specification**

Your Ref. No. 2636/103/M&R/AQC/21-22/18 Dated: 01/06/2023 (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 14/2/2023 **Tested on:** 16/02/2023 **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	---	---	---	7.8x3.8x3.0	---	3635	29.64	98	7406	---	---
2	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3635	29.64	114	8615	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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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)
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ORIGINAL
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4765
Engr. Ubaid

To: **Mr. Habib Jilani Vance, Project Director**
Divisional Public School & College, Sahiwal.

Project: Construction of Front Side Boundary Wall at DPS Ravi Campus Sahiwal.

Our Ref. No. CL/CED/ 1221 **Dated: 16/02/2023** **Test Specification**

Your Ref. No. (45)-Estb/DPS/6247 **Dated: 06/02/2023** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 13/02/2023 Tested on: 16/02/2023 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	HC	---	---	---	9 x 4.4 x 3.1	---	4075	39.6	36	2036	---	Fly Ash Brick
2	HC	---	---	---	9 x 4.4 x 3	---	3835	39.6	50	2828	---	Fly Ash Brick
3	HC	---	---	---	9 x 4.3 x 3.1	---	3995	38.7	47	2720	---	Fly Ash Brick
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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)
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

4763
Engr. Ubaid

To: **Mr. Amjad, Site Engineer**
M/S Linker

Project: Construction of Hassan & Huma Residence-DHA Phase VIII, Sector-A, Lahore. (Plot # 444)

Our Ref. No. CL/CED/ 1222 **Dated: 16/02/2023**

Your Ref. No. LD/H&H/445-A/C-01 **Dated: 13/02/2023**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 13/2/2023 Tested on: 16/02/2023 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	Ground Floor Slab (3000 Psi)	10	1	2023	6Diax12	---	12.4	28.28	56	4436	---	Non Engraved
2	Ground Floor Slab (3000 Psi)	10	1	2023	6Diax12	---	12.8	28.28	54	4277	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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ORIGINAL
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4746
Engr. Ubaid

To: **Cantonment Executive Officer**
Lahore Cantonment Board, 42 Sarwar Road, Lahore Cantt.

Project: Construction of PCC Street in Saleem Street at Derhh Pindi Lahore Cantt.

Our Ref. No. CL/CED/ 1223 **Dated: 16/02/2023**

Your Ref. No. CCE/BE-2022-23/1032-Reg **Dated: 30/01/2023**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 8/2/2023 Tested on: 16/02/2023 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	---	21	1	2023	6Diax12	---	13.6	28.28	41	3248	---	Engraved
2	---	21	1	2023	6Diax12	---	13.4	28.28	31	2455	---	Engraved
3	---	21	1	2023	6Diax12	---	13.4	28.28	51	4040	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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.

4746
Engr. Ubaid

To: **Cantonment Executive Officer**
Lahore Cantonment Board, 42 Sarwar Road, Lahore Cantt.

Project: Construction of PCC Street in Saleem Street at Derhh Pindi Lahore Cantt.

Our Ref. No. CL/CED/ 1224 **Dated: 16/02/2023**

Your Ref. No. CCE/BE-2022-23/1032-Reg **Dated: 30/01/2023**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 8/2/2023 Tested on: 16/02/2023 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	---	22	1	2023	6Diax12	---	13.6	28.28	24	1901	---	Engraved
2	---	22	1	2023	6Diax12	---	13.4	28.28	33	2614	---	Engraved
3	---	22	1	2023	6Diax12	---	13.4	28.28	31	2455	---	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-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.

4769
Dr. M. Yousaf

To: **Mr. M. Ali**
S.M. Yousaf Builders, Construction Services

Project: Construction of Boundary Wall-Punjab Group of Colleges Okara

Our Ref. No. CL/CED/ 1225 **Dated: 16/02/2023**

Your Ref. No. No.172 **Dated: 13/02/2023**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 13/2/2023 Tested on: 16/02/2023 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	Phase-A Columns (4000 Psi)	4	2	2023	6Diax12	---	13.2	28.28	87	6891	---	Engraved
2	Phase-A Columns (4000 Psi)	4	2	2023	6Diax12	---	13.2	28.28	80	6337	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: CNIC # 34302-6549601-7

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.

4766
Engr. Ubaid

To: **Ar. Farhan Rasool**
Project Architect, HKB Retail (SMC) Pvt. Ltd.

Project: Extension of HKB Head Office Building

Our Ref. No. CL/CED/ 1226 **Dated: 16/02/2023** **Test Specification**

Your Ref. No. HKB-HO/CR/001 **Dated: 11/02/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 13/2/2023 **Tested on:** 16/02/2023 **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	3rd Floor Column (4000 Psi)	5	2	2023	6Diax12	---	13.2	28.28	37	2931	---	Non Engraved
2	3rd Floor Column (4000 Psi)	5	2	2023	6Diax12	---	13	28.28	39	3089	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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.

4766
Engr. Ubaid

To: **Ar. Farhan Rasool**
Project Architect, HKB Retail (SMC) Pvt. Ltd.

Project: Extension of HKB Head Office Building

Our Ref. No. CL/CED/ 1227 **Dated: 16/02/2023** **Test Specification**

Your Ref. No. HKB-HO/CR/002 **Dated: 13/02/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 13/2/2023 Tested on: 16/02/2023 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	3rd Floor Column (4000 Psi)	7	2	2023	6Diax12	---	13	28.28	36	2851	---	Engraved
2	3rd Floor Column (4000 Psi)	7	2	2023	6Diax12	---	13	28.28	39	3089	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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.

4691
Engr. Ubaid

To: **Project Manager**
Lahore Hills Private Limited.

Project: Nil

Our Ref. No. CL/CED/ 1228 **Dated: 16/02/2023** **Test Specification**

Your Ref. No. DH/MT/008 **Dated: 01/02/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 1/2/2023 **Tested on:** 16/02/2023 **in dry/wet condition**

ONLINE REPORT

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	No. 936	30	12	2022	6Diax12	---	13	28.28	71	5624	---	Non Engraved
2	No. 937	30	12	2022	6Diax12	---	13.4	28.28	71	5624	---	Non Engraved
3	No. 938	30	12	2022	6Diax12	---	13.6	28.28	64	5069	---	Non Engraved
4	No. 944	3	1	2023	6Diax12	---	13	28.28	102	8079	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Mudassir Ali, CNIC # 35201-7327964-9

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
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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**