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.

4862
Dr. Aqsa

To: Cantonment Executive Officer
Sargodha Cantt.

Project: Construction of Rooms + Set of Baths in CB School Situated at Tariqabad. (E. Cost M 16.158)

Our Ref. No. CL/CED/ 1367-2 of 2 **Dated: 14-03-23** **Test Specification**

Your Ref. No. CBS/CANT/01/706 **Dated: 15-02-23** **(----)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 28-02-23 **Tested on:** 14-03-23 **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	A5	---	---	---	8.5x4.1x2.9	3325	3010	34.85	45	2892	10.47	---
2	A5	---	---	---	8.4x4.1x2.9	3345	3045	34.44	42	2732	9.85	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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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**

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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

4945
Dr. M. Yousaf

To: Dr. Pervaiz, Head R&I
R & I Department, Service Industries Limited Tyre Division Gujrat.

Project: Nil

Our Ref. No. CL/CED/ 1435 **Dated:** 14-03-23 **Test Specification**

Your Ref. No. Nil **Dated:** 13-03-23 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 14-03-23 **Tested on:** 14-03-23 **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	---	8	2	2023	6x6x6	---	8.6	36	85	5289	---	Non Engraved
2	---	8	2	2023	6x6x6	---	8.4	36	84	5227	---	Non Engraved
3	---	8	2	2023	6x6x6	---	8.6	36	93	5787	---	Non Engraved
4	---	8	2	2023	6x6x6	---	8.4	36	87	5413	---	Non Engraved
5	---	9	2	2023	6x6x6	---	8	36	37	2302	---	Non Engraved
6	---	9	2	2023	6x6x6	---	8.2	36	35	2178	---	Non Engraved
7		9	2	2023	6x6x6	---	8.4	36	37	2302	---	Non Engraved
8	---	9	2	2023	6x6x6	---	8	36	37	2302	---	Non Engraved
9	---	10	2	2023	6x6x6	---	8.4	36	48	2987	---	Non Engraved
10	---	10	2	2023	6x6x6	---	8.4	36	46	2862	---	Non Engraved
11	---	10	2	2023	6x6x6	---	8.2	36	45	2800	---	Non Engraved
12	---	10	2	2023	6x6x6	---	8.2	36	43	2676	---	Non Engraved
13	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Muneer, 36104-7924894-1

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.

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ORIGINAL
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4891
Dr. Aqsa

To: Haris & Co.
0

Project: Construction of NTI 20 Ferozepur Road Lahore

Our Ref. No. CL/CED/ 1436 Dated: 14-03-23 Test Specification

Your Ref. No. 001' Dated: 03-03-23 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 03-03-23 Tested on: 14-03-23 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	75	---	---	---	8.7 x 4.3 x 3	3775	3370	37.41	55	3293	12.02	---
2	75	---	---	---	8.8 x 4.2 x 3	3750	3395	36.96	57	3455	10.46	---
3	75	---	---	---	8.8 x 4.3 x 3	3805	3350	37.84	56	3315	13.58	---
4	75	---	---	---	8.9 x 4.4 x 3.1	3955	3450	39.16	48	2746	14.64	---
5	75	---	---	---	9 x 4.3 x 3	3715	3275	38.7	52	3010	13.44	---
6	N	---	---	---	8.7 x 4.3 x 3.1	3600	3445	37.41	39	2335	4.5	---
7	N	---	---	---	8.7 x 4.3 x 3	3680	3280	37.41	32	1916	12.2	---
8	N	---	---	---	8.8 x 4.2 x 3.1	3650	3280	36.96	48	2909	11.28	---
9	N	---	---	---	8.8 x 4.3 x 3.1	3745	3360	37.84	47	2782	11.46	---
10	N	---	---	---	8.7 x 4.3 x 3	3730	3350	37.41	48	2874	11.34	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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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
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)
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ORIGINAL
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4926
Dr. Aqsa

To: Mr. Zeeshan Afzal
District Bahawalnagar.

Project: Nil

Our Ref. No. CL/CED/ 1437 **Dated:** 14-03-23

Your Ref. No. Nil **Dated:** Nil

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 09-03-23 **Tested on:** 14-03-23 **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	1010	23	1	2023	6Diax12	---	13.4	28.28	68	5386	---	Non Engraved
2	1023	27	1	2023	6Diax12	---	13.2	28.28	67	5307	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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
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)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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4926
Dr. Aqsa

To: **Mr. Zeeshan Afzal**
District Bahawalnagar.

Project: Nil

Our Ref. No. CL/CED/ 1438 **Dated: 14-03-23** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 09-03-23 Tested on: 14-03-23 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	1041	4	2	2023	6Diax12	---	13	28.28	75	5941	---	Non Engraved
2	1042	4	2	2023	6Diax12	---	13	28.28	77	6099	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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
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4926
Dr. Aqsa

To: **Mr. Zeeshan Afzal**
District Bahawalnagar.

Project: Nil

Our Ref. No. CL/CED/ 1439 **Dated: 14-03-23** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 09-03-23 Tested on: 14-03-23 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	1063	6	2	2023	6Diax12	---	13.4	28.28	73	5782	---	Engraved
2	1064	6	2	2023	6Diax12	---	13.2	28.28	67	5307	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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ORIGINAL
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4926
Dr. Aqsa

To: **Mr. Zeeshan Afzal**
District Bahawalnagar.

Project: Nil

Our Ref. No. CL/CED/ 1440 **Dated: 14-03-23** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 09-03-23 Tested on: 14-03-23 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	1035	31	1	2023	6Diax12	---	13.6	28.28	129	10218	---	Non Engraved
2	1036	31	1	2023	6Diax12	---	13.8	28.28	120	9505	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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

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

4933
Dr. Aqsa

To: Engr. Hamza, Site Engineer
Architects In Design

Project: Plot No. 7, Block Q, Gulberg-II, Lahore.

Our Ref. No. CL/CED/ 1441 **Dated:** 14-03-23 **Test Specification**

Your Ref. No. Nil **Dated:** 13-03-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 13-03-23 **Tested on:** 14-03-23 **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	---	5	3	2023	6Diax12	---	13	28.28	46	3644	---	Non Engraved
2	---	5	3	2023	6Diax12	---	13	28.28	26	2059	---	Non Engraved
3	---	5	3	2023	6Diax12	---	13.6	28.28	34	2693	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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.

4751
Dr. Aqsa

To: Mr. Saquib Akram
Resident Engineer, NESPAK Pvt. Ltd. LDA City Kahna Sports Complex, Lahore.

Project: Establishment of Sports Complex at LDA City Kahna, (LDP), NA-129

Our Ref. No. CL/CED/ 1442 **Dated:** 14-03-23 **Test Specification**

Your Ref. No. 3772/103/NA-129/RE/05/06 **Dated:** 31-01-23 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 09-02-23 **Tested on:** 14-03-23 **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 4.3 x 2.9	3500	3220	37.41	34	2036	8.7	---
2	29	---	---	---	8.8 x 4.3 x 2.9	3715	3305	37.84	36	2131	12.41	---
3	29	---	---	---	9 x 4.3 x 3	3810	3370	38.7	45	2605	13.06	---
4	29	---	---	---	8.7 x 4.3 x 2.9	3755	3430	37.41	42	2515	9.48	---
5	29	---	---	---	8.8 x 4.3 x 3	3750	3340	37.84	42	2486	12.28	---
6	29	---	---	---	8.8 x 4.3 x 3	3630	2920	37.84	47	2782	24.32	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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
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.

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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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4865
Dr. Aqsa

To: Engr. Bilal Yaqoob Virk
Assistant Executive Engineer-II, CCD, PAK.PWD. Gujranwala

Project: Renovation/Refurbishment/Up-Gradation of Existing Boundary Wall of Land of NHMP (N-5) Beat No. 09 Mouza Aujla Kalan, District Gujranwala.

Our Ref. No. CL/CED/ 1443 Dated: 14-03-23 Test Specification

Your Ref. No. AEE-II/CCD/GA/Work/NHMP/B-9/Lab/87 Dated: 11-11-22 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 28-02-23 Tested on: 14-03-23 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	205	---	---	---	8.4 x 4.1 x 2.8	3000	2425	34.44	16	1041	23.71	---
2	205	---	---	---	8.4 x 4.1 x 2.7	2675	2210	34.44	14	911	21.04	---
3	205	---	---	---	8.6 x 4.2 x 2.7	2900	2385	36.12	20	1240	21.59	---
4	205	---	---	---	8.7 x 4.2 x 2.8	3060	2480	36.54	12	736	23.39	---
5	205	---	---	---	8.6 x 4.1 x 2.6	2600	2150	35.26	15	953	20.93	---
6	205	---	---	---	8.5 x 4.1 x 2.6	2865	2315	34.85	15	964	23.76	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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
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.

4880
Dr. Aqsa

To: Engr. Haseeb Afzal
Project Manager, HMB Developers Pvt. Ltd.

Project: Commercial Tower, Finance Trade Centre, Lahore

Our Ref. No. CL/CED/ 1444 **Dated:** 14-03-23 **Test Specification**

Your Ref. No. HMBDPL/S.O/03/23/11th (LHR) **Dated:** 02-03-23 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 02-03-23 **Tested on:** 14-03-23 **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	96	---	---	---	8.8 x 4.3 x 2.8	3845	3370	37.84	45	2664	14.09	---
2	96	---	---	---	9 x 4.4 x 3.1	4025	3515	39.6	29	1640	14.51	---
3	96	---	---	---	8.8 x 4.3 x 3.1	3815	3410	37.84	52	3078	11.88	---
4	96	---	---	---	8.9 x 4.3 x 3.1	3880	3430	38.27	34	1990	13.12	---
5	96	---	---	---	9 x 4.4 x 3.1	4020	3495	39.6	38	2149	15.02	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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
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.

4897
Dr. Aqsa

To: Sub Divisional Officer
Buildings Sub Division No. 22, Lahore.

Project: Construction of Population Welfare House Punjab, at Lahore.

Our Ref. No. CL/CED/ 1445 **Dated: 14-03-23** **Test Specification**

Your Ref. No. 42/SDO 22 **Dated: 02-03-22** **(BS 3921**)**

COMPRESSION TEST REPORT

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

Specimens received on: 06-03-23 **Tested on:** 14-03-23 **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	MA	---	---	---	9 x 4.3 x 3	---	3360	38.7	39	2257	---	---
2	MA	---	---	---	9 x 4.4 x 3	---	3235	39.6	28	1584	---	---
3	MA	---	---	---	9 x 4.4 x 3	---	3350	39.6	29	1640	---	---
4	MA	---	---	---	9 x 4.3 x 3.1	---	3235	38.7	25	1447	---	---
5	MA	---	---	---	8.9 x 4.3 x 3	---	3155	38.27	40	2341	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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
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.

4890
Dr. Aqsa

To: (Mr. Hafiz Ozair Ahmad)
Deputy Director (Q.C.D.) WASA, LDA, Lahore. (M/s 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/ 1446 Dated: 14-03-23 **Test Specification**

Your Ref. No. QCD/405-06 Dated: 01-03-23 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 03-03-23 **Tested on:** 14-03-23 **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	5	---	---	---	8.8 x 4.2 x 2.9	3630	3195	36.96	43	2606	13.62	---
2	5	---	---	---	8.7 x 4.3 x 2.9	3700	3250	37.41	40	2395	13.85	---
3	5	---	---	---	9 x 4.4 x 3.1	3925	3405	39.6	36	2036	15.27	---
4	5	---	---	---	8.7 x 4.3 x 3	3795	3340	37.41	59	3533	13.62	---
5	5	---	---	---	8.7 x 4.2 x 2.8	3665	3310	36.54	62	3801	10.73	---
6	5	---	---	---	8.8 x 4.3 x 2.9	3700	3235	37.84	58	3433	14.37	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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4844
Dr. Aqsa

To: Engr. Khalid Sattar
Resident Engineer, DHQ Hospital Hafizabad. Master Consulting Engineers (Pvt.) Ltd.

Project: Consultancy Service Resident Supervision for the Project Titled Up-gradation of D.H.Q Hospital Hafizabad (Group No.1) ADP No: 768 for the Year 2021-2022.

Our Ref. No. CL/CED/ 1447 Dated: 14-03-23 Test Specification

Your Ref. No. MCE/DHQ Hfzd/23/28 Dated: 20-02-23 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 27-02-23 Tested on: 14-03-23 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	Machine Made - Double Line	---	---	---	8.8 x 4.3 x 2.9	3480	2860	37.84	23	1362	21.68	---
2	Machine Made - Double Line	---	---	---	8.6 x 4.1 x 2.7	3075	2525	35.26	17	1080	21.78	---
3	Machine Made - Double Line	---	---	---	8.7 x 4.2 x 2.8	3195	2635	36.54	32	1962	21.25	---
4	Machine Made - Double Line	---	---	---	8.8 x 4.2 x 2.9	3425	2805	36.96	24	1455	22.1	---
5	Machine Made - Double Line	---	---	---	8.7 x 4.3 x 2.8	3420	2810	37.41	23	1377	21.71	---
6	Machine Made - Double Line	---	---	---	8.7 x 4.2 x 2.8	3265	2685	36.54	39	2391	21.6	---
7	Machine Made - Double Line	---	---	---	8.7 x 4.2 x 2.8	3200	2640	36.54	20	1226	21.21	---
8	Machine Made - Double Line	---	---	---	8.7 x 4.3 x 2.9	3480	2850	37.41	28	1677	22.11	---
9	Machine Made - Double Line	---	---	---	8.6 x 4.2 x 2.8	3190	2635	36.12	37	2295	21.06	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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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**