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.

5701
Dr. M. Yousaf

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

Project: Construction of Commercial Tower, Finanace Trade Centre Lahore. (B4 Retaining Wall (H~D/4)

Our Ref. No. CL/CED/ 2592 Dated: 10/08/2023 Test Specification

Your Ref. No. HMBDPL/S.O/08/23/59th(LHR) Dated: 10/08/2023 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 10-8-2023 **Tested on:** 10/08/2023 **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	C14 (3500 Psi)	13	7	2023	6Diax12	---	14.6	28.28	43	3406	---	Non Engraved
2	C14 (3500 Psi)	13	7	2023	6Diax12	---	14	28.28	43	3406	---	Non Engraved
3	C14 (3500 Psi)	13	7	2023	6Diax12	---	14.2	28.28	44	3485	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Aftab Sohail, CNIC # 33103-0209597-3

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 compressive 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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5701
Dr. M. Yousaf

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

Project: Construction of Commercial Tower, Finanace Trade Centre Lahore. (B4 Slab (H'~N'/1'~4'))

Our Ref. No. CL/CED/ 2593 Dated: 10/08/2023 **Test Specification**

Your Ref. No. HMBDPL/S.O/08/23/58th(LHR) Dated: 10/08/2023 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 10-8-2023 **Tested on:** 10/08/2023 **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	C13 (3500 Psi)	13	7	2023	6Diax12	---	14	28.28	43	3406	---	Non Engraved
2	C13 (3500 Psi)	13	7	2023	6Diax12	---	14	28.28	36	2851	---	Non Engraved
3	C13 (3500 Psi)	13	7	2023	6Diax12	---	14	28.28	43	3406	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Aftab Sohail, CNIC # 33103-0209597-3

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 compressive 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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5669
Engr. Ubaid

To: Manager
ABL-UML P-199&200. Allied Bank Limited, Lahore.

Project: Construction of ABL Upper Mall Lahore Plot No. 199,200. (Raft Foundation, Grid A~C/3~4, C~E/3~6, 3rd Pour)

Our Ref. No. CL/CED/ 2594 Dated: 10/08/2023 Test Specification

Your Ref. No. ABL-UML-AMC-QAQC-15a Dated: 06/08/2023 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 7-8-2023 Tested on: 10/08/2023 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	No.98	30	7	2023	6Diax12	---	13.4	28.28	50	3960	---	Non Engraved
2	No.99	30	7	2023	6Diax12	---	14	28.28	49	3881	---	Non Engraved
3	No.103	30	7	2023	6Diax12	---	13.8	28.28	47	3723	---	Non Engraved
4	No.104	30	7	2023	6Diax12	---	13.2	28.28	53	4198	---	Non Engraved
5	No. 105	30	7	2023	6Diax12	---	13.4	28.28	51	4040	---	Non Engraved
6	No. 109	30	7	2023	6Diax12	---	13.6	28.28	58	4594	---	Non Engraved
7	No. 110	30	7	2023	6Diax12	---	13.4	28.28	56	4436	---	Non Engraved
8	No. 111	30	7	2023	6Diax12	---	13.4	28.28	60	4752	---	Non Engraved
9	No. 116	30	7	2023	6Diax12	---	13.2	28.28	57	4515	---	Non Engraved
10	No. 117	30	7	2023	6Diax12	---	13.2	28.28	57	4515	---	Non Engraved
11	No. 121	30	7	2023	6Diax12	---	13.2	28.28	44	3485	---	Non Engraved
12	No. 122	30	7	2023	6Diax12	---	13.4	28.28	51	4040	---	Non Engraved
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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

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ORIGINAL
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5644
Engr. Ubaid

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

Project: Rehabilitation and Modernization of Islam Barrage.

Our Ref. No. CL/CED/ 2595 Dated: 10/08/2023 Test Specification

Your Ref. No. IBC/RE/UET/101 Dated: 31/07/2023 (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 01/08/2023 Tested on: 10/08/2023 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	Grey I-Section 60mm(XEN-R)	---	---	---	2.3 thick	---	3985	42.12	127	6754	---	---
2	Grey I-Section 60mm(XEN-R)	---	---	---	2.3 thick	---	3910	42.12	140	7445	---	---
3	Grey I-Section 60mm(XEN-R)	---	---	---	2.3 thick	---	3855	42.12	135	7179	---	---
4	Grey I-Section 60mm(XEN-R)	---	---	---	2.3 thick	---	3845	42.12	129	6860	---	---
5	Grey I-Section 60mm(W/S)	---	---	---	2.3 thick	---	4090	42.12	141	7499	---	---
6	Grey I-Section 60mm(W/S)	---	---	---	2.3 thick	---	3795	42.12	150	7977	---	---
7	Grey I-Section 60mm(W/S)	---	---	---	2.3 thick	---	4010	42.12	125	6648	---	---
8	Grey I-Section 60mm (W/S)	---	---	---	2.3 thick	---	3875	42.12	157	8349	---	---
9	Grey I-Section 60mm(S/Q)	---	---	---	2.3 thick	---	3955	42.12	150	7977	---	---
10	Grey I-Section 60mm (S/Q)				2.3 thick	---	3970	42.12	131	6967	---	---
11	Grey I-Section 60mm(S/Q)	---	---	---	2.3 thick	---	3960	42.12	143	7605	---	---
12	Grey I-Section 60mm(S/Q)	---	---	---	2.3 thick	---	3870	42.12	145	7711	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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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
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ORIGINAL
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5619
Engr. Ubaid

To: **Director Projects**
Innovative Construction Company.

Project: Construction of ABL Branch at Fazaia Housing Society, Lahore.

Our Ref. No. CL/CED/ 2596 **Dated: 10/08/2023** **Test Specification**

Your Ref. No. ICL/ABL/FHS/0723/04 **Dated: 26/07/2023** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 26/07/2023 Tested on: 10/08/2023 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	K3	---	---	---	8.7 x 4.3 x 2.9	---	3215	37.41	41	2455	---	---
2	K3	---	---	---	8.9 x 4.3 x 2.9	---	3280	38.27	30	1756	---	---
3	K3	---	---	---	8.8 x 4.3 x 3	---	3230	37.84	34	2013	---	---
4	K3	---	---	---	8.9 x 4.3 x 3	---	3330	38.27	41	2400	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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 compressive 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
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ORIGINAL
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5619
Engr. Ubaid

To: Director Projects
Innovative Construction Company.

Project: Construction of ABL Branch at Fazaia Housing Society, Lahore.

Our Ref. No. CL/CED/ 2597 **Dated:** 10/08/2023 **Test Specification**

Your Ref. No. ICL/ABL/FHS/0723/04 **Dated:** 26/07/2023 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 26/07/2023 **Tested on:** 10/08/2023 **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	S	---	---	---	8.8 x 4.3 x 3	---	3295	37.84	38	2249	---	---
2	S	---	---	---	8.7 x 4.3 x 3	---	3280	37.41	38	2275	---	---
3	S	---	---	---	8.7 x 4.3 x 3	---	3265	37.41	41	2455	---	---
4	S	---	---	---	8.8 x 4.3 x 3	---	3300	37.84	38	2249	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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 compressive 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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5607
Engr. Ubaid

To: Best Builders
324-Q, Model Town Ext. Lahore.

Project: Construction of TCF Secondary School Karam Bagh Kharian.

Our Ref. No. CL/CED/ 2598 **Dated:** 10/08/2023 **Test Specification**

Your Ref. No. Nil **Dated:** 24/07/2023 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 25/07/2023 **Tested on:** 10/08/2023 **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	SB-25	---	---	---	8.2 x 4 x 2.7	---	2430	32.8	36	2459	---	---
2	SB-25	---	---	---	8.4 x 4 x 2.8	---	2450	33.6	36	2400	---	---
3	SB-25	---	---	---	8.3 x 4.1 x 2.8	---	2480	34.03	40	2633	---	---
4	SB-25	---	---	---	8.3 x 4 x 2.7	---	2405	33.2	30	2024	---	---
5	SB-25	---	---	---	8.3 x 4 x 2.8	---	2485	33.2	33	2227	---	---
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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Note: Above results pertain to the unsealed samples supplied to the laboratory

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

5673
Engr. Ubaid

To: Sub Divisional Officer
Buildings Sub Division No.15, Lahore.

Project: Construction of Forest Complex at Ravi Road Lahore.

Our Ref. No. CL/CED/ 2599 **Dated: 10/08/2023** **Test Specification**

Your Ref. No. 3403 **Dated: 01/08/2023** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 07/08/2023 Tested on: 10/08/2023 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, 60mm	---	---	---	7.8 x 3.9 x 2.3	---	2960	30.42	114	8394	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	3110	30.42	110	8100	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.3	---	2930	30.42	120	8836	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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