



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.

6142
 Dr. M. Yousaf

To: Mr. Ahmad Jawad Sb.
 Banu Mukhtar Product (Pvt.) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 3329

Dated: 27-10-23

Test Specification

Your Ref. No. IBS/SD/ST12

Dated: 09-10-23

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 26-10-23 Tested on: 27-10-23 in dry/wet condition



Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	I-Section, Grey, 60mm	---	---	---	2.4" thick	---	3920	41.82	180	9641	---	---
2	I-Section, Grey, 60mm	---	---	---	2.4" thick	---	3895	41.82	126	6749	---	---
3	I-Section, Grey, 60mm	---	---	---	2.4" thick	---	3805	41.82	144	7713	---	---
4	I-Section, Grey, 60mm	---	---	---	2.4" thick	---	3910	41.82	180	9641	---	---
5	I-Section, Grey, 60mm	---	---	---	2.4" thick	---	4045	41.82	167	8945	---	---
6	I-Section, Grey, 60mm	---	---	---	2.4" thick	---	3865	41.82	168	8999	---	---
7	I-Section, Grey, 60mm	---	---	---	2.4" thick	---	3775	41.82	130	6963	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 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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6142
 Dr. M. Yousaf

To: Mr. Ahmad Jawad Sb.
 Banu Mukhtar Product (Pvt.) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 3330

Dated: 27-10-23

Test Specification

Your Ref. No. IBS/SD/ST11

Dated: 09-10-23

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 26-10-23 Tested on: 27-10-23 in dry/wet condition



Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	I-Section, Grey, 60mm	---	---	---	2.4" thick	---	3955	41.82	158	8463	---	---
2	I-Section, Grey, 60mm	---	---	---	2.4" thick	---	3820	41.82	140	7499	---	---
3	I-Section, Grey, 60mm	---	---	---	2.4" thick	---	3875	41.82	125	6695	---	---
4	I-Section, Grey, 60mm	---	---	---	2.4" thick	---	4050	41.82	160	8570	---	---
5	I-Section, Grey, 60mm	---	---	---	2.4" thick	---	3935	41.82	170	9106	---	---
6	I-Section, Grey, 60mm	---	---	---	2.4" thick	---	3940	41.82	170	9106	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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

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

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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6151
 Dr. M.Yousaf

To: Mr. Ghulam Shabbir
 Site Manager, For Penta Build Construction Services (SMC-Private) Limited

Project: Nil

Our Ref. No. CL/CED/ 3331

Dated: 27-10-23

Test Specification

Your Ref. No. PBCS-UET-010

Dated: 26-10-23

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 26-10-23 Tested on: 27-10-23 in dry/wet condition



Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	---	29	9	2023	6x6x6	---	9	36	81	5040	---	Non Engraved
2	---	29	9	2023	6x6x6	---	8.4	36	68	4231	---	Non Engraved
3	---	29	9	2023	6x6x6	---	9.2	36	67	4169	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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Director/Dy. Director Concrete Laboratory



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Civil Engineering Department

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ORIGINAL

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6119
Dr. Umbreen

To: Mr. M. Zain-UI-Abadeen
Project Manager, Majeed Associates (Pvt) Ltd

Project: Construction of ABL Branch Expo Johar Town Lahore. (Pak Mix)

Our Ref. No. CL/CED/ 3332

Dated: 27/10/2023

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: 23/10/2023 Tested on: 27/10/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Roof Slab (3000 Psi)	24	9	2023	6Diax12	---	14	28.28	56	4436	---	Non Engraved
2	Roof Slab (3000 Psi)	24	9	2023	6Diax12	---	13.8	28.28	46	3644	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

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Director/Dy. Director Concrete Laboratory



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Civil Engineering Department

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ORIGINAL

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6144
Dr. Umbreen

To: Z. H. Kazmi
Principal Architect, Z. H. Kazmi & Associates

Project: Construction of MCB Bank (Ltd) Gohadpur Branch Gujranwala Region (0222)

Our Ref. No. CL/CED/ 3333

Dated: 27/10/2023

Test Specification

Your Ref. No. Nil

Dated: 26/10/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 26/10/2023 Tested on: 27/10/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	---	28	9	2023	6Diax12	---	14.2	28.28	56	4436	---	Non Engraved
2	---	28	9	2023	6Diax12	---	14.2	28.28	61	4832	---	Non Engraved
3	---	28	9	2023	6Diax12	---	14	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Civil Engineering Department

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ORIGINAL

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6144
Dr. Umbreen

To: Z. H. Kazmi
Principal Architect, Z. H. Kazmi & Associates

Project: Construction of MCB Bank (Ltd) Gohadpur Branch Gujranwala Region (0222)

Our Ref. No. CL/CED/ 3334

Dated: 27/10/2023

Test Specification

Your Ref. No. Nil

Dated: 26/10/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 26/10/2023 Tested on: 27/10/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	---	19	10	2023	6Diax12	---	14	28.28	54	4277	---	Non Engraved
2	---	19	10	2023	6Diax12	---	14	28.28	58	4594	---	Non Engraved
3	---	19	10	2023	6Diax12	---	14.2	28.28	62	4911	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Civil Engineering Department

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ORIGINAL

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6132

Dr. M. Yousaf

To: Engr. Muddasir Tahir
Project Manager, Halmore Properties Pvt. Ltd

Project: Construction of Halmore Apartments at Plot No. 11, Block B3, Gulberg-III, Tipu Road, Lahore.

Our Ref. No. CL/CED/ 3335

Dated: 27/10/2023

Test Specification

Your Ref. No. HPPL/QC/STR002

Dated: 25/10/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 25/10/2023 Tested on: 27/10/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Unimix (5500 Psi)	18	9	2023	6Diax12	---	14	28.28	80	6337	---	Non Engraved
2	Unimix (5500 Psi)	18	9	2023	6Diax12	---	15	28.28	85	6733	---	Non Engraved
3	Unimix (5500 Psi)	18	9	2023	6Diax12	---	15	28.28	82	6495	---	Non Engraved
4	Unimix (4500 Psi)	11	10	2023	6Diax12	---	14.8	28.28	99	7842	---	Non Engraved
5	Unimix (4500 Psi)	11	10	2023	6Diax12	---	15	28.28	82	6495	---	Non Engraved
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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

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Director/Dy. Director Concrete Laboratory



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

6115
Dr. Umbreen

To: Mr. Waqas Ali
Variant, 25-t gulberg 2, Lahore

Project: Construction of 4th Floor Column (CL-14, CL-15, CL-16, CL-17, CL-19, CL-20, CL-21, CL-22, Sh-4, Sh-8, 9)

Our Ref. No. CL/CED/ 3336

Dated: 27/10/2023

Test Specification

Your Ref. No. VA/29/113

Dated: 20/10/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 20/10/2023 Tested on: 27/10/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Column	18	9	2023	6Diax12	---	15	28.28	85	6733	---	Non Engraved
2	Column	18	9	2023	6Diax12	---	15	28.28	85	6733	---	Non Engraved
3	Column	18	9	2023	6Diax12	---	15	28.28	81	6416	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Babar Ali, CNIC 35201-9967694-3

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 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.

6109
 Dr. M. Yousaf

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

Project: Construction of New Girls Hostel at Main Campus GCU Lahore

Our Ref. No. CL/CED/ 3337

Dated: 27-10-23

Test Specification

Your Ref. No. GCU/Engr/877/W.O

Dated: 18/10/2023

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 20/10/2023 Tested on: 27-10-23 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Rectangular, Grey, 60mm	---	---	---	7.9 x 3.9 x 2.3	---	2560	30.81	106	7707	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.9 x 3.9 x 2.3	---	2675	30.81	111	8070	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.9 x 3.9 x 2.3	---	2750	30.81	130	9451	---	---
4	Rectangular, Grey, 60mm	---	---	---	7.9 x 3.9 x 2.3	---	2730	30.81	75	5453	---	---
5	Rectangular, Red, 60mm	---	---	---	7.9 x 3.9 x 2.3	---	2860	30.81	124	9015	---	---
6	Rectangular, Red, 60mm	---	---	---	7.9 x 3.9 x 2.3	---	2730	30.81	115	8361	---	---
7	Rectangular, Red, 60mm	---	---	---	7.9 x 3.9 x 2.3	---	2925	30.81	115	8361	---	---
8	Rectangular, Red, 60mm	---	---	---	7.9 x 3.9 x 2.3	---	2710	30.81	88	6398	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory