



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.

5552
 Dr. M.Yousaf

To: Mr. Omair Sadiq
 Project Manager, One Liberty Mall and H&S Hotel

Project: One Liberty Mall and H&S Hotel located at Noor Jehan Road, Gulberg III, Lahore.

Our Ref. No. CL/CED/ 2534

Dated: 07/08/2023

Test Specification

Your Ref. No. OL/OS/2023/61

Dated: 17/07/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 17/07/2023 **Tested on:** 07/08/2023 **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	Columns (D2, D3), 16th - 17th	16	6	2023	6Diax12	---	13.2	28.28	78	6178	---	Non Engraved
2	Columns (D2, D3), 16th - 17th	16	6	2023	6Diax12	---	13.4	28.28	95	7525	---	Non Engraved
3	Columns (D2, D3), 16th - 17th	16	6	2023	6Diax12	---	14	28.28	110	8713	---	Non Engraved
4	Columns (F2, F3) 16th - 17th	8	6	2023	6Diax12	---	14.2	28.28	115	9109	---	Non Engraved
5	Columns (F2, F3) 16th - 17th	8	6	2023	6Diax12	---	14	28.28	117	9267	---	Non Engraved
6	Columns (F2, F3) 16th - 17th	8	6	2023	6Diax12	---	13.4	28.28	107	8475	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Yasir Iqbal, Site Engineer, CNIC # 35201-4432046-5

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

- * 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



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ORIGINAL
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5619
 Dr. M.Yousaf

To: Director Projects
 Innovative Construction Company, PCSIR Housing Society, Phase II, Lahore.

Project: Construction of ABL Branch at Fazaia Housing Scheme, Phase-I, Lahore.

Our Ref. No. CL/CED/ 2535

Dated: 07/08/2023

Test Specification

Your Ref. No. ICL/ABL/FH/0723/07

Dated: 26/07/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **26/07/2023** Tested on: **07/08/2023** 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	---	22	6	2023	6Diax12	---	13	28.28	43	3406	---	Non Engraved
2	---	22	6	2023	6Diax12	---	13.4	28.28	48	3802	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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8	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * 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



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ORIGINAL
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5619
 Dr. M.Yousaf

To: Director Projects
 Innovative Construction Company, PCSIR Housing Society, Phase II, Lahore.

Project: Construction of ABL Branch at Fazaia Housing Scheme, Phase-I, Lahore.

Our Ref. No. CL/CED/ 2536

Dated: 07/08/2023

Test Specification

Your Ref. No. ICL/ABL/FH/0723/07

Dated: 26/07/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 26/07/2023 **Tested on:** 07/08/2023 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	---	14	7	2023	6Diax12	---	13.6	28.28	72	5703	---	Non Engraved
2	---	14	7	2023	6Diax12	---	13.4	28.28	60	4752	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * 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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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5659
 Dr. M.Yousaf

To: Professional Construction Services Pvt. Ltd.
 Johar Town, Lahore.

Project: Allied Bank D.R Center Faisalabad.

Our Ref. No. CL/CED/ 2537

Dated: 07/08/2023

Test Specification

Your Ref. No. PCS/23/Eng/93-B

Dated: 03/08/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 03/08/2023 **Tested on:** 07/08/2023 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	Retaining Wall	27	7	2023	6Diax12	---	13	28.28	38	3010	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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7	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * 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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Director/Dy. Director Concrete Laboratory



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5659
 Dr. M.Yousaf

To: Professional Construction Services Pvt. Ltd.
 Johar Town, Lahore.

Project: Allied Bank D.R Center Faisalabad

Our Ref. No. CL/CED/ 2538

Dated: 07/08/2023

Test Specification

Your Ref. No. PCS/23/Eng/93-A

Dated: 03/08/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 03/08/2023 **Tested on:** 07/08/2023 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	Retaining Wall	27	7	2023	6Diax12	---	13	28.28	37	2931	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * as engraved on the specimens (if any)
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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5634
 Dr. M.Yousaf

To: Eng. Asad Rashid Choudhary, P.E
 Speed Construction Management (SCM)

Project: Construction of New Building at Plot No.25, Road 13 Khayabane-Kheruddin Housing Scheme, Johar Town, Lahore.

Our Ref. No. CL/CED/ 2539

Dated: 07/08/2023

Test Specification

Your Ref. No. SCM-203B-06-23

Dated: 26/07/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27/07/2023 **Tested on:** 07/08/2023 **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	Plant	18	7	2023	6Diax12	---	13.8	28.28	41	3248	---	Engraved
2	Plant	18	7	2023	6Diax12	---	13.6	28.28	53	4198	---	Engraved
3	Nil	18	7	2023	6Diax12	---	13.8	28.28	44	3485	---	Engraved
4	Nil	18	7	2023	6Diax12	---	14.4	28.28	36	2851	---	Engraved
5	Nil	18	7	2023	6Diax12	---	14	28.28	48	3802	---	Engraved
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5624
 Dr. M.Yousaf

To: Engr. Hassan Mahmood
 Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

Project: Construction of DHA New Life Residencia Apartments at 273/1 Q Block, Phase II, DHA , Lahore.

Our Ref. No. CL/CED/ 2540

Dated: 07/08/2023

Test Specification

Your Ref. No. G3/DHA/NLD/RE/179

Dated: 26/07/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27/07/2023 **Tested on:** 07/08/2023 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	5000 Psi	26	6	2023	6Diax12	---	14	28.28	107	8475	---	Non Engraved
2	5000 Psi	26	6	2023	6Diax12	---	14.4	28.28	75	5941	---	Non Engraved
3	5000 Psi	26	6	2023	6Diax12	---	14	28.28	95	7525	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * 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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Director/Dy. Director Concrete Laboratory



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5590
 Dr. M.Yousaf

To: Manager
 ABL-SIER P#12, AMCORP Engineering & Construction Pvt. Ltd.

Project: Construction of ABL Proposed Commercial Building Sundar Industrial Plot No.12.

Our Ref. No. CL/CED/ 2541

Dated: 07/08/2023

Test Specification

Your Ref. No. ABL-SIER-AMC-QAQC-32

Dated: 24/07/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 24/07/2023 Tested on: 07/08/2023 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	55	16	7	2023	6Diax12	---	13	28.28	45	3564	---	Non Engraved
2	57	16	7	2023	6Diax12	---	12.8	28.28	48	3802	---	Non Engraved
3	63 R.B	16	7	2023	6Diax12	---	13.6	28.28	48	3802	---	Non Engraved
4	61 R.B	16	7	2023	6Diax12	---	13.2	28.28	46	3644	---	Non Engraved
5	62 R.B	16	7	2023	6Diax12	---	13	28.28	46	3644	---	Non Engraved
6	56	16	7	2023	6Diax12	---	13	28.28	44	3485	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * 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.

5614
 Dr. M.Yousaf

To: Sub Divisional Officer
 Civil Const: Sub Division-II GSC, LESCO, Lahore.

Project: Construction of 132 kV GIS Grid Station Zamin City Housing Scheme, Mouza Kacha Hydyara Drain Near Fruit and Vegetable Market Kahna, Lahore. (Control House Building Trench Pad)

Our Ref. No. CL/CED/ 2542

Dated: 07/08/2023

Test Specification

Your Ref. No. D.M/CIVIL/GSC/LESCO/-376-78

Dated: 24/07/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 26/07/2023 Tested on: 07/08/2023 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	RCC (1:2:4)	15	7	2023	6Diax12	---	13.6	28.28	64	5069	---	Non Engraved
2	RCC (1:2:4)	15	7	2023	6Diax12	---	13.6	28.28	67	5307	---	Non Engraved
3	RCC (1:2:4)	15	7	2023	6Diax12	---	13.6	28.28	69	5465	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory