



# 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.

6112

Dr. M. Burhan

To: Mr. Muhammad Riaz Bhatti  
Resident Engineer, Fazaia Housing Scheme, Gujranwala.

Project: Construction of 05 Marla Commercial Plaza M.B Commercial Plot # 02, Sector-A Fazaia Housing Scheme Gujranwala.

Our Ref. No. CL/CED/ 3289

Dated: 23-10-23

Test Specification

Your Ref. No. FHSG/PMO/6015/5/Dev

Dated: 15-10-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 20-10-23 Tested on: 20/10/2023 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	2nd Floor Slab	17	9	2023	6Diax12	---	14.2	28.28	32	2535	---	Non Engraved
2	2nd Floor Slab	17	9	2023	6Diax12	---	14.2	28.28	36	2851	---	Non Engraved
3	2nd Floor Slab	17	9	2023	6Diax12	---	14.2	28.28	15	1188	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. M. Mansoor, CNIC # 37301-2424851-5

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



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**ORIGINAL**

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6113

Dr. M. Burhan

To: Mr. Muhammad Riaz Bhatti  
Resident Engineer, Fazaia Housing Scheme, Gujranwala.

Project: Construction of 8.5 Marla Commercial Plaza Mall Commercial Plot # 03, Sector-A Fazaia Housing Scheme Gujranwala.

Our Ref. No. CL/CED/ 3290

Dated: 23-10-23

Test Specification

Your Ref. No. FHSG/PMO/6015/5/Dev

Dated: 20-10-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 20-10-23 Tested on: 20/10/2023 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	Basement Slab	22	9	2023	6Diax12	---	14.2	28.28	62	4911	---	Non Engraved
2	Basement Slab	22	9	2023	6Diax12	---	14	28.28	56	4436	---	Non Engraved
3	Basement Slab	22	9	2023	6Diax12	---	14	28.28	36	2851	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. Mansoor, CNIC # 37301-2424851-5

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



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**Civil Engineering Department**  
 University of Engineering and Technology, Lahore, Pakistan  
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ORIGINAL  
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6118  
 Dr. M. Yousaf

To: PRO-CON  
 New Airport, Lahore Cantt.

Project: Nil

Our Ref. No. CL/CED/ 3291

Your Ref. No. Nil

Dated: 23-10-23

Dated: 23-10-23

Test Specification

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on:  Tested on:  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	(3000 Psi)	13	10	2023	6Diax12	---	14.2	28.28	29	2297	---	Non Engraved
2	(3000 Psi)	13	10	2023	6Diax12	---	14.4	28.28	45	3564	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. M. Shahid, CNIC # 35202-7701085-7

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



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**ORIGINAL**  
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6111  
 Dr. M.Yousaf

**To: Assistant Resident Engineer**  
**ES Consultants (Pvt) Ltd.**

**Project: Construction of Multy Storey (High Rise) Comerical Building Complex at OPF Housing Scheme, Khayaban-e-Jinnah Raiwind Road, Lahore**

**Our Ref. No. CL/CED/ 3292**

**Dated: 23-10-23**

**Test Specification**

**Your Ref. No. ESC/OPF-ISL/6025**

**Dated: 19-10-23**

**( ASTM C39 )**

## COMPRESSION TEST REPORT



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

**Specimens received on: 20-10-23    Tested on: 23-10-23    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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	---	13	10	2023	6Diax12	---	13	28.28	50	3960	---	Non Engraved
2	---	13	10	2023	6Diax12	---	13.2	28.28	60	4752	---	Non Engraved
3	---	13	10	2023	6Diax12	---	13	28.28	57	4515	---	Non 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-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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**Note:** Above results pertain to the unsealed samples supplied to the laboratory

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6111  
Dr. M.Yousaf

To: Assistant Resident Engineer  
ES Consultants (Pvt) Ltd

Project: Construction of Multy Storey (High Rise) Comerical Building Complex at OPF Housing Scheme, Khayaban-e-Jinnah Raiwind Road, Lahore

Our Ref. No. CL/CED/ 3293

Dated: 23-10-23

Test Specification

Your Ref. No. ESC/OPF-ISL/6024

Dated: 19-10-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 20-10-23 Tested on: 23-10-23 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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	---	12	10	2023	6Diax12	---	13	28.28	72	5703	---	Non Engraved
2	---	12	10	2023	6Diax12	---	13.2	28.28	66	5228	---	Non Engraved
3	---	12	10	2023	6Diax12	---	13.4	28.28	63	4990	---	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/>

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Director/Dy. Director Concrete Laboratory



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6111  
 Dr. M.Yousaf

**To: Assistant Resident Engineer**  
**ES Consultants (Pvt) Ltd**

**Project: Construction of Multy Storey (High Rise) Comerical Building Complex at OPF Housing Scheme, Khayaban-e-Jinnah Raiwind Road, Lahore**

**Our Ref. No. CL/CED/ 3294**

**Dated: 23-10-23**

**Test Specification**

**Your Ref. No. ESC/OPF-ISL/6022**

**Dated: 19-10-23**

**(ASTM C39)**

## COMPRESSION TEST REPORT



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

**Specimens received on: 20-10-23    Tested on: 23-10-23    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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	---	10	10	2023	6Diax12	---	13	28.28	65	5149	---	Non Engraved
2	---	10	10	2023	6Diax12	---	13.2	28.28	58	4594	---	Non Engraved
3	---	10	10	2023	6Diax12	---	13.2	28.28	72	5703	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**



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 Dr. M.Yousaf

**To: Assistant Resident Engineer**  
**ES Consultants (Pvt) Ltd**

**Project: Construction of Multy Storey (High Rise) Comerical Building Complex at OPF Housing Scheme, Khayaban-e-Jinnah Raiwind Road, Lahore**

**Our Ref. No. CL/CED/ 3295**

**Dated: 23-10-23**

**Test Specification**

**Your Ref. No. ESC/OPF-ISL/6023**

**Dated: 19-10-23**

**( ASTM C39 )**

## COMPRESSION TEST REPORT



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

**Specimens received on: 20-10-23    Tested on: 23-10-23    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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	---	11	10	2023	6Diax12	---	13.3	28.28	61	4832	---	Non Engraved
2	---	11	10	2023	6Diax12	---	13	28.28	72	5703	---	Non Engraved
3	---	11	10	2023	6Diax12	---	13.4	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**



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**Civil Engineering Department**  
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**ORIGINAL**  
 A carbon copy for the report has been retained in the lab for record.

6114  
 Dr. M.Yousaf

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

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

**Our Ref. No. CL/CED/** 3296

**Dated:** 23-10-23

**Test Specification**

**Your Ref. No.** G3/DHA-NLD/RE/191

**Dated:** 18-10-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

**Specimens received on:** 20-10-23 **Tested on:** 23-10-23 **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	10th Floor Roof Slab (4000 Psi)	21	9	2023	6Diax12	---	14	28.28	76	6020	---	Non Engraved
2	10th Floor Roof Slab (4000 Psi)	21	9	2023	6Diax12	---	14	28.28	80	6337	---	Non Engraved
3	10th Floor Roof Slab (4000 Psi)	21	9	2023	6Diax12	---	14.4	28.28	72	5703	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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**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.

6110  
 Dr. M.Yousaf

**To:** Mr. Muhammad Irfan  
 Material Engineer, Banu Mukhtar Contracting (Pvt.) Ltd.

**Project:** Burj-1 by AJWA Builders. (Main Building B/01 Zone # 02)

**Our Ref. No. CL/CED/ 3297**

**Dated: 23-10-23**

**Test Specification**

**Your Ref. No. DOC-BMC/AJWA/119**

**Dated: 19-10-23**

**(ASTM C39)**

## COMPRESSION TEST REPORT



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

**Specimens received on:** 20-10-23 **Tested on:** 23-10-23 **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	Col#02 Grids# D/6, C/7 (6000 Psi)	18	9	2023	6Diax12	---	14.4	28.28	90	7129	---	Non Engraved
2	Col#02 Grids# D/6, C/7 (6000 Psi)	18	9	2023	6Diax12	---	15	28.28	101	8000	---	Non Engraved
3	Col#02 Grids# D/6, C/7 (6000 Psi)	18	9	2023	6Diax12	---	15	28.28	117	9267	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
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)
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- The test results are recommended to be interpreted in the light of above factors by the engineer.

**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**