



**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.

2427  
 Engr. Ubaid

To: Director Projects  
 Innovative @ Construction Company, Lahore

Project: Construction of ABL Branch at Jubilee Town, Lahore

Our Ref. No. CL/CED/ 6670

Dated: 17-12-21

Test Specification

Your Ref. No. ICL/ABL/JT/1221/01

Dated: 12-12-21

(ASTM C39)

## COMPRESSION TEST REPORT



ONLINE 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	---	3	12	2021	6Diax12	---	13	28.28	45	3564	---	Non Engraved
2	---	3	12	2021	6Diax12	---	13	28.28	38	3010	---	Non Engraved
3	---	3	12	2021	6Diax12	---	13.4	28.28	37	2931	---	Non Engraved
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-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  
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**ORIGINAL**  
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2429  
Engr. Ubaid

To: Mr. Tahir Nazir Bhatti (Project Manager)  
IKAN Engineering Services (Pvt.) Ltd. Lahore  
Project: Relocation of Jotun Manufacturing Facility to Sunder Estate (C-120 Footings / C-110 Substructure Columns)  
Our Ref. No. CL/CED/ 6671 Dated: 17-12-21  
Your Ref. No. IKAN/CW138/PM/002 Dated: 13-12-21

Test Specification  
(ASTM C39)



ONLINE REPORT

### COMPRESSION TEST REPORT

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

Specimens received on: 14-12-21 Tested on: 16-12-21 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	---	13	11	2021	6Diax12	---	13.6	28.28	59	4673	---	Non Engraved
2	---	13	11	2021	6Diax12	---	13.2	28.28	51	4040	---	Non Engraved
3	---	13	11	2021	6Diax12	---	14	28.28	66	5228	---	Non Engraved
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-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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2433  
 Engr. Ubaid

**To:** Mr. Nouman Rafique (Chief Technical Officer)  
 Sabcon Associates (Pvt.) Ltd. Lahore

**Project:** Construction of Commercial Building a 51A Gulberg III, Lahore

**Our Ref. No.** CL/CED/ 6672

**Dated:** 17-12-21

**Test Specification**

**Your Ref. No.** SABCON/2021/CTO/02

**Dated:** 14-12-21

(ASTM C39)

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 14-12-21    **Tested on:** 16-12-21    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	---	17	11	2021	6Diax12	---	13.2	28.28	26	2059	---	Engraved
2	---	17	11	2021	6Diax12	---	13.4	28.28	23	1822	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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/>

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2437  
 Engr. Ubaid

**To:** Mr. Muhammad Azeem (Operation Manager)  
 Amer Adnan Associates, # 17-E-II, Gulberg III, Lahore

**Project:** Hotel Building at 24-A Block E/2 at Gulberg III, Lahore

**Our Ref. No.** CL/CED/ 6673

**Dated:** 17-12-21

**Test Specification**

**Your Ref. No.** AAA/24A/0068

**Dated:** 14-12-21

(ASTM C39)

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 15-12-21    **Tested on:** 16-12-21    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	16	11	2021	6Diax12	---	14	28.28	55	4356	---	Engraved
2	5000 Psi	16	11	2021	6Diax12	---	14	28.28	57	4515	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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