



**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.

4577  
 Dr. Umbreen

To: Mr. Aslam Sher, Project Manager  
 AREAA-Banu Mukhtar Construction LLP.

Project: Construction of Net Pet Line Coca Cola Lahore Project

Our Ref. No. CL/CED/ 979

Dated: 23-01-23

Test Specification

Your Ref. No. Nil

Dated: 13-01-23

( ASTM C39 )

**COMPRESSION TEST REPORT**



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

Specimens received on: 13/1/2023 Tested on: 23-01-23 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	C-30	2	1	2023	6Diax12	---	13	28.28	44	3485	---	Non Engraved
2	C-30	2	1	2023	6Diax12	---	13	28.28	47	3723	---	Non Engraved
3	C-30	2	1	2023	6Diax12	---	13	28.28	45	3564	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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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 Dr. Umbreen

To: Mr. Aslam Sher, Project Manager  
 AREAA-Banu Mukhtar Construction LLP.

Project: Construction of Net Pet Line Coca Cola Lahore Project

Our Ref. No. CL/CED/ 980

Dated: 23-01-23

Test Specification

Your Ref. No. Nil

Dated: 13-01-23

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: 13/1/2023 Tested on: 23-01-23 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	C-30	6	1	2023	6Diax12	---	12.4	28.28	45	3564	---	Non Engraved
2	C-30	6	1	2023	6Diax12	---	12.4	28.28	46	3644	---	Non Engraved
3	C-30	6	1	2023	6Diax12	---	12.4	28.28	45	3564	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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9	---	---	---	---	---	---	---	---	---	---	---	---
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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
- \*\*\* 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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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 Dr. Umbreen

To: Mr. Aslam Sher, Project Manager  
 AREAA-Banu Mukhtar Construction LLP.

Project: Construction of Net Pet Line Coca Cola Lahore Project

Our Ref. No. CL/CED/ 981

Dated: 23-01-23

Test Specification

Your Ref. No. Nil

Dated: 13-01-23

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: 13/1/2023 Tested on: 23-01-23 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	C-30	15	12	2022	6Diax12	---	12.4	28.28	51	4040	---	Non Engraved
2	C-30	15	12	2022	6Diax12	---	12.4	28.28	51	4040	---	Non Engraved
3	C-30	15	12	2022	6Diax12	---	12.6	28.28	50	3960	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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8	---	---	---	---	---	---	---	---	---	---	---	---
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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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- \*\*\*\* 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)
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4622  
 Dr. Umbreen

To: Mr. Amjad, QS Head  
 M/S Linkers

Project: Construction of Hassan & Huma Residence-DHA Phase VIII, Sector-A, Lahore. (Plot # 444)

Our Ref. No. CL/CED/ 982

Dated: 23-01-23

Test Specification

Your Ref. No. LD/H&H/444-A/C-01

Dated: 20-01-23

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 20/1/2023 Tested on: 23-01-23 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	GF Slab (3000 Psi)	10	1	2023	6Diax12	---	13	28.28	45	3564	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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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4607  
 Dr. Umbreen

**To:** Executive Engineer EHV-I  
 Civil Works Division, National Transmission and Despatch Company Pakistan  
**Project:** Contract No. XEN-PL-15R/2021-2022: Const. of Storm Water Drainage, 7.5 Meter wide road, paved floor & boundary wall extension for warehouse extension at 500/220 KV Grid station Gatti Faisalabad.  
**Our Ref. No.** CL/CED/ 983 **Dated:** 23-01-23  
**Your Ref. No.** 89-91/XEN/EHV/WE-46A **Dated:** 17-01-23

**Test Specification**  
 ( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: 18/1/2023 Tested on: 23-01-23 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	Column Footing (1:1.5:3)	1	1	2023	6Diax12	---	14	28.28	63	4990	---	Non Engraved
2	Column Footing (1:1.5:3)	1	1	2023	6Diax12	---	13.2	28.28	65	5149	---	Non Engraved
3	Column Footing (1:1.5:3)	1	1	2023	6Diax12	---	13.2	28.28	51	4040	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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**ORIGINAL**  
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4571  
 Dr. Umbreen

**To:** Sub Divisional Officer  
 Building Sub Division No.1, Gujrat

**Project:** Establishment of 100 Bedded Hospital in U.C Lakhawal Tehsil & District Gujrat.

**Our Ref. No.** CL/CED/ 984

**Dated:** 23-01-23

**Test Specification**

**Your Ref. No.** 2279/G-1

**Dated:** 27-12-22

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **12/1/2023** Tested on: **23-01-23** 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	(1:2:4)	12	12	2022	6Diax12	---	13.4	28.28	53	4198	---	Non Engraved
2	(1:2:4)	12	12	2022	6Diax12	---	13	28.28	61	4832	---	Non Engraved
3	(1:1.5:3)	15	12	2022	6Diax12	---	13	28.28	55	4356	---	Non Engraved
4	(1:1.5:3)	15	12	2022	6Diax12	---	13.2	28.28	67	5307	---	Non Engraved
5	(1:1.5:3)	15	12	2022	6Diax12	---	13.2	28.28	65	5149	---	Non Engraved
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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