



**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.

5167  
 Dr. Aqsa

To: PRO-CON  
 New Airport Road, Lahore Cantt.

Project: Nil

Our Ref. No. CL/CED/ 1835

Dated: 03-05-23

Test Specification

Your Ref. No. Nil

Dated: 03-05-23

( ASTM C39 )

**COMPRESSION TEST REPORT**



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

Specimens received on: 03-05-23 Tested on: 03-05-23 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	3000 Psi	11	4	2023	6Diax12	---	14.4	28.28	65	5149	---	Non Engraved
2	3000 Psi	11	4	2023	6Diax12	---	13	28.28	61	4832	---	Non Engraved
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Witnessed by: Mr. M. Shahid, CNIC # 35202-7701085-7& Mr. Ghulam Fareed, CNIC # 33105-8651832-7

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

5155  
 Dr. M. Mazhar

**To:** Ar. Farhan Rasool  
 Projects Architect, HKB Retail (SMC-PVT) LTD

**Project:** Extension of HKB Office Building

**Our Ref. No.** CL/CED/ 1836

**Dated:** 03-05-23

**Test Specification**

**Your Ref. No.** HKB-HO/CR/005

**Dated:** 28/4/2023

(ASTM C39)

## COMPRESSION TEST REPORT

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

**Specimens received on:** 28/04/2023 **Tested on:** 03-05-23 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	Slab at 3rd Floor	30	3	2023	6Diax12	---	13	28.28	45	3564	---	Engraved
2	Slab at 3rd Floor	30	3	2023	6Diax12	---	13.4	28.28	57	4515	---	Engraved
3	Slab at 3rd Floor	30	3	2023	6Diax12	---	13.4	28.28	47	3723	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by:** Engr. M. Jamil Ahmed; CNIC 35201-4831265-3

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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**ORIGINAL**  
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5159  
 Dr. M. Mazhar

**To: Mr. Tauheed Muhammad**  
**AL QASIM CONSTRUCTION PRIVATE LIMITED**

**Project: Construction of Firewater Tank PSO Depot Habibabad**

**Our Ref. No. CL/CED/ 1837**

**Dated: 03-05-23**

**Test Specification**

**Your Ref. No. Nil**

**Dated: 02-05-23**

**( BS 1881-116 )**

## COMPRESSION TEST REPORT



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

**Specimens received on: 28/04/2023    Tested on: 03-05-23    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	---	19	4	2023	6x6x6	---	8.2	36	75	4667	---	Non Engraved
2	---	19	4	2023	6x6x6	---	8.2	36	73	4542	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by:**

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

1. \* as engraved on the specimens (if any)
2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. \*\*\*\* 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

1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2. 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

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**ORIGINAL**  
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5165  
Dr. M. Mazhar

**To:** Mr. Muhammad Shafiq  
Resident Engineer, Construction Management Division, NESPAK (PVT) Ltd  
Project: Construction of Fatima Jinnah Institute of Dental Sciences, Lahore. Balance Works of Construction Teaching College/Academic Block, Boys and Girls Hostel & Miscellaneous Work (Group)  
Our Ref. No. CL/CED/ 1838 Dated: 03-05-23  
Your Ref. No. 3016/13/MS/02/53 Dated: 14/4/2023

Test Specification  
( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: **2/05/2023** Tested on: **03-05-23** 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	Raft of OHWT	13	3	2023	6x6x6	---	8.4	36	73	4542	---	Non Engraved
2	Raft of OHWT	13	3	2023	6x6x6	---	8.4	36	79	4916	---	Non Engraved
3	Raft of OHWT	13	3	2023	6x6x6	---	8.4	36	73	4542	---	Non Engraved
4	Plinth Beams (Grid 1-6 & A-H)	14	3	2023	6x6x6	---	8	36	79	4916	---	Non Engraved
5	Plinth Beams (Grid 1-6 & A-H)	14	3	2023	6x6x6	---	8.6	36	93	5787	---	Non Engraved
6	Plinth Beams (Grid 1-6 & A-H)	14	3	2023	6x6x6	---	8.2	36	83	5164	---	Non Engraved
7	Fndn of Columns MF4	3	3	2023	6x6x6	---	8.4	36	114	7093	---	Non Engraved
8	Fndn of Columns MF4	3	3	2023	6x6x6	---	8.2	36	83	5164	---	Non Engraved
9	Fndn of Columns MF4	3	3	2023	6x6x6	---	8.4	36	93	5787	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
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5164  
 Dr. M. Mazhar

**To:** Mr. Zia Mahiyuddin  
 Ijaz Construction Company, Engineers & Contractors

**Project:** Naubahar Bottling Company (Pvt) Ltd. Shadoki Unit III,

**Our Ref. No.** CL/CED/ 1839

**Dated:** 03-05-23

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 05-04-23

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 2/05/2023 **Tested on:** 03-05-23 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	Chimney Pad (4500 Psi)	27	3	2023	6x6x6	---	8	36	114	7093	---	Non Engraved
2	Chimney Pad (4500 Psi)	27	3	2023	6x6x6	---	7.8	36	61	3796	---	Non Engraved
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5164  
 Dr. M. Mazhar

**To:** Mr. Zia Mahiyuddin  
 Ijaz Construction Company, Engineers & Contractors

**Project:** Naubahar Bottling Company (Pvt) Ltd. Shadoki Unit III,

**Our Ref. No.** CL/CED/ 1840

**Dated:** 03-05-23

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 05-04-23

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 2/05/2023 **Tested on:** 03-05-23 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	CO2 Tenk (4500 Psi)	25	3	2023	6x6x6	---	8.6	36	63	3920	---	Non Engraved
2	CO2 Tenk (4500 Psi)	25	3	2023	6x6x6	---	9	36	106	6596	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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5164  
 Dr. M. Mazhar

**To:** Mr. Zia Mahiyuddin  
 Ijaz Construction Company, Engineers & Contractors

**Project:** Naubahar Bottling Company (Pvt) Ltd. Shadoki Unit III,

**Our Ref. No.** CL/CED/ 1841

**Dated:** 03-05-23

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 05-04-23

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 2/05/2023 **Tested on:** 03-05-23 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	Chimney Footing (4500 Psi)	24	3	2023	6x6x6	---	8.4	36	61	3796	---	Non Engraved
2	Chimney Footing (4500 Psi)	24	3	2023	6x6x6	---	8.2	36	63	3920	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by:**

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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5164  
 Dr. M. Mazhar

**To:** Mr. Zia Mahiyuddin  
 Ijaz Construction Company, Engineers & Contractors

**Project:** Naubahar Bottling Company (Pvt) Ltd Shadoki Unit III,

**Our Ref. No.** CL/CED/ 1842

**Dated:** 03-05-23

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 05-04-23

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 2/05/2023 **Tested on:** 03-05-23 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	Boiler Footing (4500 Psi)	25	3	2023	6x6x6	---	8	36	63	3920	---	Non Engraved
2	Boiler Footing (4500 Psi)	25	3	2023	6x6x6	---	7	36	35	2178	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:**

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" dia x 12" cylinder) strength at 28 days as compressive strength

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

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**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.

5162  
 Dr. M. Mazhar

To: Mr. Imran Elahi  
 EASTERN HOUSING, Tradition of Excellence

Project: Nil

Our Ref. No. CL/CED/ 1843-1 of 2

Dated: 03-05-23

Test Specification

Your Ref. No. Nil

Dated: 02-05-23

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **2/05/2023** Tested on: **03-05-23** 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	Cylinder	14	4	2023	6Diax12	---	11.8	28.28	20	1584	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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**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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5162  
 Dr. M. Mazhar

To: Mr. Imran Elahi  
 EASTERN HOUSING, Tradition of Excellence

Project: Nil

Our Ref. No. CL/CED/ 1843-2 of 2

Dated: 03-05-23

Test Specification

Your Ref. No. Nil

Dated: 02-05-23

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: **2/05/2023** Tested on: **03-05-23** 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	Cube	7	4	2023	6x6x6	---	7.4	36	29	1804	---	Non Engraved
2	Cube	7	4	2023	6x6x6	---	7.4	36	41	2551	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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