



**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.

5873  
 Dr. Qasim Khan

**To:** Engr. Haseeb Afzal  
 Project Manager, HMB Developers Pvt. Ltd.

**Project:** Commercial Tower, Finance Trade Centre Lahore (B4 Shear Wall of Core Area)

**Our Ref. No.** CL/CED/ 2886

**Dated:** 08-09-23

**Test Specification**

**Your Ref. No.** HMBDPLS/S.O/09/23/66th (LHR)

**Dated:** 08-09-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

**Specimens received on:** 08/09/2023 **Tested on:** 08-09-23 **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-20 (6000 Psi)	4	8	2023	6Diax12	---	14	28.28	63	4990	---	Non Engraved
2	C-20 (6000 Psi)	4	8	2023	6Diax12	---	13.6	28.28	108	8554	---	Non Engraved
3	C-20 (6000 Psi)	4	8	2023	6Diax12	---	13.6	28.28	69	5465	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by:** Mr. Haseeb Afzal, CNIC 34101-9582859-3

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  
 Landline: 042-99029245 & 042-99029202      Mobile: 0307-0496895

ORIGINAL  
 A carbon copy for the report has been retained in the lab for record.

5851  
 Dr. Qasim Khan

To: Mr. Javaid Iqbal  
 RIZ BUILDERS, Civil Engineers and Contractors

Project: Construction of DIN Plaza, Lahore

Our Ref. No. CL/CED/ 2887

Dated: 08-09-23

Test Specification

Your Ref. No. Nil

Dated: 05-09-23

(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 (4th Floor Slab)	5	8	2023	6Diax12	---	12.6	28.28	26	2059	---	Engraved
2	3000 Psi (4th Floor Slab)	5	8	2023	6Diax12	---	12.6	28.28	25	1980	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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" dia x 12" 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.

5855  
Dr. Qasim Khan

To: Executive Engineer  
4th Buildings Division, Lahore

Project: Construction of New Courts Block at the Site of Existing Old Admin Block at Lahore High Court, Lahore (ADP No. 3766 For the Year 2023-24)

Our Ref. No. CL/CED/ 2888

Dated: 08-09-23

Test Specification

Your Ref. No. No. 6842

Dated: 02-09-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 05/09/2023 Tested on: 08-09-23 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	Columns (5000 Psi)	2	9	2023	6Diax12	---	13.6	28.28	105	8317	---	Non Engraved
2	Columns (5000 Psi)	2	9	2023	6Diax12	---	13.6	28.28	81	6416	---	Non Engraved
3	Columns (5000 Psi)	2	9	2023	6Diax12	---	14	28.28	45	3564	---	Non Engraved
4	Shear Wall/Col. (4000 Psi)	2	9	2023	6Diax12	---	13.8	28.28	85	6733	---	Non Engraved
5	Shear Wall/Col. (4000 Psi)	2	9	2023	6Diax12	---	13.2	28.28	62	4911	---	Non Engraved
6	Shear Wall/Col. (4000 Psi)	2	9	2023	6Diax12	---	13	28.28	72	5703	---	Non Engraved
7	Slabs/Beams (3000 Psi)	2	9	2023	6Diax12	---	14.8	28.28	70	5545	---	Non Engraved
8	Slabs/Beams (3000 Psi)	2	9	2023	6Diax12	---	13.6	28.28	54	4277	---	Non Engraved
9	Slabs/Beams (3000 Psi)	2	9	2023	6Diax12	---	13.6	28.28	71	5624	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
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5855  
 Dr. Qasim Khan

To: Executive Engineer  
 4th Buildings Division, Lahore

Project: Construction of New Courts Block at the Site of Existing Old Admin Block at Lahore High Court, Lahore (ADP No. 3766 For the Year 2023-24)

Our Ref. No. CL/CED/ 2889

Dated: 08-09-23

Test Specification

Your Ref. No. No. 6843-45

Dated: 02-09-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 05/09/2023    Tested on: 08-09-23    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	Columns (5000 Psi)	2	9	2023	6Diax12	---	13.4	28.28	70	5545	---	Non Engraved
2	Columns (5000 Psi)	2	9	2023	6Diax12	---	14	28.28	108	8554	---	Non Engraved
3	Columns (5000 Psi)	2	9	2023	6Diax12	---	13.4	28.28	74	5861	---	Non Engraved
4	Shear Wall/Col. (4000 Psi)	2	9	2023	6Diax12	---	13.8	28.28	75	5941	---	Non Engraved
5	Shear Wall/Col. (4000 Psi)	2	9	2023	6Diax12	---	14	28.28	60	4752	---	Non Engraved
6	Shear Wall/Col. (4000 Psi)	2	9	2023	6Diax12	---	14	28.28	70	5545	---	Non Engraved
7	Slabs/Beams (3000 Psi)	2	9	2023	6Diax12	---	13.8	28.28	69	5465	---	Non Engraved
8	Slabs/Beams (3000 Psi)	2	9	2023	6Diax12	---	13.6	28.28	61	4832	---	Non Engraved
9	Slabs/Beams (3000 Psi)	2	9	2023	6Diax12	---	13.4	28.28	68	5386	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
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5839  
 Dr. Qasim Khan

To: Manager  
 ABL-UML P-199 & 200

Project: Construction of ABL Upper Mall Lahore Plot No. 199, 200 (Raft Foundation Grids B-C/5-6 & A-B/6-7)  
 5th Pour

Our Ref. No. CL/CED/ 2890-1 of 2

Dated: 08-09-23

Test Specification

Your Ref. No. ABL-UML-AMC-QAQC-23

Dated: 04-09-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 04/09/2023    Tested on: 08-09-23    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 No. 151	27	8	2023	6Diax12	---	13.2	28.28	48	3802	---	Non Engraved
2	Cylinder No. 152	27	8	2023	6Diax12	---	13.2	28.28	49	3881	---	Non Engraved
3	Cylinder No. 153	27	8	2023	6Diax12	---	13	28.28	48	3802	---	Non Engraved
4	Cylinder No. 157	27	8	2023	6Diax12	---	13	28.28	41	3248	---	Non Engraved
5	Cylinder No. 158	27	8	2023	6Diax12	---	13	28.28	39	3089	---	Non Engraved
6	Cylinder No. 159	27	8	2023	6Diax12	---	13.2	28.28	42	3327	---	Non Engraved
7	Cylinder No. 163	27	8	2023	6Diax12	---	13.4	28.28	44	3485	---	Non Engraved
8	Cylinder No. 164	27	8	2023	6Diax12	---	13	28.28	42	3327	---	Non Engraved
9	Cylinder No. 165	27	8	2023	6Diax12	---	13	28.28	44	3485	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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ORIGINAL  
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5839  
 Dr. Qasim Khan

To: Manager  
 ABL-UML P-199 & 200

Project: Construction of ABL Upper Mall Lahore Plot No. 199, 200 (Raft Foundation Grids B-C/5-6 & A-B/6-7)  
 5th Pour

Our Ref. No. CL/CED/ 2890-2 of 2

Dated: 08-09-23

Test Specification

Your Ref. No. ABL-UML-AMC-QAQC-23

Dated: 04-09-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 04/09/2023 Tested on: 08-09-23 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 No. 169	27	8	2023	6Diax12	---	13	28.28	43	3406	---	Non Engraved
2	Cylinder No. 170	27	8	2023	6Diax12	---	13	28.28	41	3248	---	Non Engraved
3	Cylinder No. 171	27	8	2023	6Diax12	---	13	28.28	34	2693	---	Non Engraved
4	Cylinder No. 175	27	8	2023	6Diax12	---	13.2	28.28	39	3089	---	Non Engraved
5	Cylinder No. 176	27	8	2023	6Diax12	---	13.4	28.28	44	3485	---	Non Engraved
6	Cylinder No. 177	27	8	2023	6Diax12	---	13.2	28.28	38	3010	---	Non Engraved
7	Cylinder No. 181	27	8	2023	6Diax12	---	13	28.28	50	3960	---	Non Engraved
8	Cylinder No. 182	27	8	2023	6Diax12	---	13	28.28	45	3564	---	Non Engraved
9	Cylinder No. 183	27	8	2023	6Diax12	---	13.4	28.28	50	3960	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
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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.

5827  
 Dr. M. Azhar

To: Mr. Umair  
 Director, M. SIDDIQUE SONS, Building Contractor

Project: 464-G DHA Phase V (First Floor R.C.C. Slab & Beams)

Our Ref. No. CL/CED/ 2891

Dated: 08-09-23

Test Specification

Your Ref. No. Nil

Dated: 31/8/2023

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 31/8/2023 Tested on: 08-09-23 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	19	8	2023	6Diax12	---	13	28.28	46	3644	---	Non Engraved
2	3000 Psi	19	8	2023	6Diax12	---	13	28.28	46	3644	---	Non Engraved
3	3000 Psi	19	8	2023	6Diax12	---	13.2	28.28	36	2851	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Umair Siddique, CNIC 35201-7730725-3

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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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**  
A carbon copy for the report has been retained in the lab for record.

5841  
Dr. Qasim Khan

To: Construction Manager  
AMC-SIER P # 12, AMCORP Engineering & Construction (Pvt) Limited  
Project: Construction of ABL Proposed Commercial Building Sunder Industrial Plot No. 12 (Pre-Cast Roof Beams # 5 No's)  
Our Ref. No. CL/CED/ 2892 Dated: 08-09-23 Test Specification  
Your Ref. No. ABL-SIER-AMC-QAQC-49 Dated: 04-09-23 (ASTM C39)

### COMPRESSION TEST REPORT



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

Specimens received on: 4/9/2023 Tested on: 08-09-23 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 # 127	26	8	2023	6Diax12	---	13.8	28.28	54	4277	---	Non Engraved
2	Cylinder # 128	26	8	2023	6Diax12	---	13.8	28.28	50	3960	---	Non Engraved
3	Cylinder # 129	26	8	2023	6Diax12	---	13.2	28.28	53	4198	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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  
 Landline: 042-99029245 & 042-99029202      Mobile: 0307-0496895

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

5841  
 Dr. Qasim Khan

**To: Construction Manager**  
 AMC-SIER P # 12, AMCORP Engineering & Construction (Pvt) Limited  
 Project: Construction of ABL Proposed Commercial Building Sunder Industrial Plot No. 12 (Pre-Cast Roof Beams # 2 No's & Pre-Cast Columns #08 no's)  
 Our Ref. No. CL/CED/ 2893      Dated: 08-09-23  
 Your Ref. No. ABL-SIER-AMC-QAQC-48      Dated: 04-09-23

**Test Specification**  
 (ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 4/9/2023 Tested on: 08-09-23 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 # 106	5	8	2023	6Diax12	---	14.2	28.28	64	5069	---	Non Engraved
2	Cylinder # 107	5	8	2023	6Diax12	---	13	28.28	62	4911	---	Non Engraved
3	Cylinder # 108	5	8	2023	6Diax12	---	13.6	28.28	61	4832	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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  
 Landline: 042-99029245 & 042-99029202      Mobile: 0307-0496895

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

5860  
 Dr. Qasim Khan

**To:** Assistant Executive Engineer-I  
 Central Civil Division-1, Pak. PWD: Lahore

**Project:** Construction of New Ayesha Hostel at PAS Campus at Civil Services Academy, Lahore (First Floor)

**Our Ref. No. CL/CED/ 2894**

**Dated: 08-09-23**

**Test Specification**

**Your Ref. No. AEE-I/CCD-I/LHR/251**

**Dated: 30/12/2022**

**( BS 1881-116 )**

## COMPRESSION TEST REPORT



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

**Specimens received on:** 5/9/2023 **Tested on:** 08-09-23 **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. (1: 1.5: 3)	19	11	2022	6x6x6	---	8.8	36	97	6036	---	Non Engraved
2	Col. (1: 1.5: 3)	19	11	2022	6x6x6	---	9	36	80	4978	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
- \*\*\* 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

- 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.

5860  
 Dr. Qasim Khan

**To:** Assistant Executive Engineer-I  
 Central Civil Division-1, Pak. PWD: Lahore

**Project:** Construction of New Ayesha Hostel at PAS Campus at Civil Services Academy, Lahore (Ground Floor)

**Our Ref. No. CL/CED/ 2895**

**Dated: 08-09-23**

Test Specification

**Your Ref. No. AEE-I/CCD-I/LHR/241**

**Dated: 01-08-23**

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: 5/9/2023 Tested on: 08-09-23 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. (1: 1.5: 3)	20	6	2022	6x6x6	---	9.2	36	99	6160	---	Non Engraved
2	Col. (1: 1.5: 3)	20	6	2022	6x6x6	---	8.8	36	77	4791	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:**

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" dia x 12" 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.

5822  
 Dr. Qasim Khan

**To: Assistant Resident Engineer**  
 Engineering Consultancy Services Punjab (Pvt.) Ltd.

**Project: Enhancement of 75-IPNV Sites Lahore Project (PKLI Hospital)**

**Our Ref. No. CL/CED/ 2896**

**Dated: 08-09-23**

**Test Specification**

**Your Ref. No. ECSP/75SITES/23-18**

**Dated: 11-07-23**

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## COMPRESSION TEST REPORT



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

Specimens received on: **31/8/2023** Tested on: **08-09-23** 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	Pole Foundation (1:2:4)	21	5	2023	5.9x5x6	---	7	29.5	61	4632	---	Non Engraved
2	Pole Foundation (1:2:4)	21	5	2023	5.9x5x6	---	7	29.5	63	4784	---	Non Engraved
3	Pole Foundation (1:2:4)	21	5	2023	5.3x5.9x6	---	7.2	31.3	52	3721	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:**

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" dia x 12" 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.

5826  
 Dr. Qasim Khan

**To: Sub Divisional Officer**  
 Buildings Sub Division, Punjab Assembly, Lahore.

**Project: Construction of MPA Hostel (Phase-II) Lahore (Group No. 01)**

**Our Ref. No. CL/CED/ 2897**

**Dated: 08-09-23**

**Test Specification**

**Your Ref. No. No. 939**

**Dated: 30/8/2023**

**( BS 3921\*\* )**

## COMPRESSION TEST REPORT



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

**Specimens received on: 01-09-23    Tested on: 08-09-23    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	ZS	---	---	---	8.9 x 4.3 x 2.9	3495	3175	38.27	41	2400	10.08	---
2	ZS	---	---	---	8.8 x 4.3 x 2.9	3460	3160	37.84	42	2486	9.49	---
3	ZS	---	---	---	8.8 x 4.3 x 2.9	3475	3125	37.84	42	2486	11.2	---
4	ZS	---	---	---	8.8 x 4.3 x 2.9	3625	3290	37.84	38	2249	10.18	---
5	ZS	---	---	---	8.9 x 4.3 x 3	3680	3360	38.27	46	2692	9.52	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:**

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" dia x 12" 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.

5810  
 Dr. Qasim Khan

To: AM/SDO  
 Dera Ghazi Khan, Punjab Aab-e-Pak Authority

Project: Provision of Safe Drinking Water in Murghai Cluster 07 District Rajanpur.

Our Ref. No. CL/CED/ 2898

Dated: 08-09-23

Test Specification

Your Ref. No. DM (P&C)/PAPA-DG Khan/438

Dated: 23/8/2023

( ---- )

## 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	*1*	---	---	---	8.8 x 4.3 x 2.8	3300	2635	37.84	32	1894	25.24	---
2	*1*	---	---	---	8.9 x 4.4 x 2.8	3425	2955	39.16	25	1430	15.91	---
3	*1*	---	---	---	9 x 4.4 x 2.8	3550	2985	39.6	30	1697	18.93	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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" dia x 12" 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.

5765  
 Dr. Qasim Khan

**To: Project Manager**  
**M/S Zaron Construction Services**

**Project: Construction of M & R and Store Block at Sialkot Aviation.**

**Our Ref. No. CL/CED/ 2899**

**Dated: 08-09-23**

**Test Specification**

**Your Ref. No. Nil**

**Dated: 23/8/2023**

**( ---- )**

**COMPRESSION TEST REPORT**



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

**Specimens received on: 23/8/2023    Tested on: 08-09-23    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	Machine Made	---	---	---	8.5 x 4.1 x 2.8	---	2660	34.85	41	2635	---	---
2	Machine Made	---	---	---	8.5 x 4.1 x 2.7	---	2600	34.85	37	2378	---	---
3	Machine Made	---	---	---	8.5 x 4.1 x 2.7	---	2660	34.85	42	2700	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by:**

**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" dia x 12" 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**