



**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.

9972  
 Dr. M. Yousaf

**To: Mr. Tahawar Owais**  
 Project Manager, DSG Energy, Moving Towards A Greener Future

**Project: Construction of Office Building at 29-M QIE.**

**Our Ref. No. CL/CED/ 9197**

**Dated: 18/08/2025**

**Test Specification**

**Your Ref. No. Nil**

**Dated: Nil**

**( ASTM C39 )**

## COMPRESSION TEST REPORT



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

**Specimens received on: 18/08/2025 Tested on: 18/08/2025 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	---	26	7	2025	6Diax12	---	14.2	28.28	80	6337	---	Non Engraved
2	---	26	7	2025	6Diax12	---	14	28.28	75	5941	---	Non Engraved
3	---	26	7	2025	6Diax12	---	14	28.28	72	5703	---	Non Engraved
4	---	10	8	2025	6Diax12	---	14	28.28	49	3881	---	Non Engraved
5	---	10	8	2025	6Diax12	---	13.6	28.28	50	3960	---	Non Engraved
6	---	10	8	2025	6Diax12	---	13.2	28.28	44	3485	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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
- \*\*\*\* AC1318-08 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**  
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9980  
 Dr. M. Yousaf

**To:** Sub Divisional Officer  
 Buildings Sub Division No.15, Lahore.

**Project:** Testing of Cube for the Work:- GIS Based Protection Regime and Establishment of Digital Communication Cell in Forestry Wildlife and Fishries Department (A.D.P No. 2580 for the Year 2025-26)

Our Ref. No. CL/CED/ 9198

Dated: 18/08/2025

Test Specification

Your Ref. No. 1258

Dated: 29/07/2025

( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 18/08/2025 Tested on: 18/08/2025 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	Foundation Concrete (1:2:4)	13	7	2025	6x6x6	---	9	36	76	4729	---	Non Engraved
2	Foundation Concrete (1:2:4)	13	7	2025	6x6x6	---	9	36	72	4480	---	Non Engraved
3	Foundation Concrete (1:2:4)	13	7	2025	6x6x6	---	9	36	83	5164	---	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-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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**ORIGINAL**  
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9961  
 Dr. M. Yousaf

**To:** Mr. Sajjad Karim  
 Project Engineer, 7 Canal Developers

**Project:** 7 Canal Residential Apartment Buildings

**Our Ref. No.** CL/CED/ 9199

**Dated:** 18/08/2025

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 12/08/2025

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 12/08/2025 **Tested on:** 18/08/2025 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	14 Days (5500 Psi)	22	7	2025	6Diax12	---	15.2	28.28	78	6178	---	Non Engraved
2	14 Days (5500 Psi)	22	7	2025	6Diax12	---	15	28.28	79	6257	---	Non Engraved
3	14 Days (4000 Psi)	30	7	2025	6Diax12	---	14	28.28	50	3960	---	Non Engraved
4	14 Days (4000 Psi)	30	7	2025	6Diax12	---	13.4	28.28	60	4752	---	Non Engraved
5	7 Days (5500 Psi)	3	8	2025	6Diax12	---	14	28.28	48	3802	---	Non Engraved
6	7 Days (5500 Psi)	3	8	2025	6Diax12	---	13.6	28.28	42	3327	---	Non Engraved
7	7 Days (4000 Psi)	3	8	2025	6Diax12	---	14.4	28.28	46	3644	---	Non Engraved
8	7 Days (4000 Psi)	3	8	2025	6Diax12	---	13.6	28.28	39	3089	---	Non Engraved
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by:** CNIC # 35202-3135814-3

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

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- \*\* 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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9977  
 Dr. M.Yousaf

**To: Mr. Waqas Asif**  
 Director, ICON CONSTRUCTION SERVICES

**Project: Nil**

**Our Ref. No. CL/CED/ 9200**

**Dated: 18/08/2025**

**Test Specification**

**Your Ref. No. Nil**

**Dated: 18/08/2025**

**( ---- )**

## COMPRESSION TEST REPORT



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

**Specimens received on: 18/08/2025      Tested on: 18/08/2025      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	Solid Block (1500 Psi)	---	---	---	12 x 6 x 8	---	22	72	84	2613	---	---
2	Solid Block (1500 Psi)	---	---	---	12 x 6 x 8	---	22	72	47	1462	---	---
3	Solid Block (1500 Psi)	---	---	---	12 x 6 x 8	---	22	72	82	2551	---	---
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"diax12" cylinder) strength at 28 days as compressive strength

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

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9977  
Dr. M.Yousaf

To: Mr. Waqas Asif  
Director, ICON CONSTRUCTION SERVICES

Project: Nil

Our Ref. No. CL/CED/ 9201

Dated: 18/08/2025

Test Specification

Your Ref. No. Nil

Dated: 18/08/2025

( ---- )

## COMPRESSION TEST REPORT



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

Specimens received on: 18/08/2025 Tested on: 18/08/2025 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	Solid Block (1500 Psi)	---	---	---	12 x 8 x 8	---	28	96	88	2053	---	---
2	Solid Block (1500 Psi)	---	---	---	12 x 8 x 8	---	28.8	96	85	1983	---	---
3	Solid Block (1500 Psi)	---	---	---	12 x 8 x 8	---	28.2	96	86	2007	---	---
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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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**ORIGINAL**  
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9983  
 Dr. M.Yousaf

**To:** Farraj Development Consultants (Pvt) Ltd.  
 New Garden Town, Lahore.

**Project:** Green Agri Mall

**Our Ref. No.** CL/CED/ 9202

**Dated:** 18/08/2025

**Test Specification**

**Your Ref. No.** FRJ/GAM/BWP/01

**Dated:** 18/08/2025

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## COMPRESSION TEST REPORT



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

**Specimens received on:** 18/08/2025 **Tested on:** 18/08/2025 **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	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2775	29.64	102	7709	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2825	29.64	110	8313	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2865	29.64	106	8011	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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
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**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**



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**ORIGINAL**  
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9976  
 Dr. M.Yousaf

To: Paver Deptt.  
 Banu Mukhtar Products (Pvt) Ltd.

Project: M/s. Elite Engineering Pvt. Ltd. Sitara Hallal Petroleum Near Javen City, Sahiwal.

Our Ref. No. CL/CED/ 9203

Dated: 18/08/2025

Test Specification

Your Ref. No. BMP/PAV/UET/261

Dated: 18/08/2025

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## COMPRESSION TEST REPORT



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

Specimens received on: 18/08/2025 Tested on: 18/08/2025 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	Rectangular (Citi), Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3770	29.64	112	8464	---	---
2	Rectangular (Citi), Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3805	29.64	112	8464	---	---
3	Rectangular (Citi), Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3800	29.64	110	8313	---	---
4	Rectangular (Citi), Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3775	29.64	117	8842	---	---
5	Rectangular (Citi), Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3765	29.64	112	8464	---	---
6	Rectangular (Citi), Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3705	29.64	113	8540	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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9901  
 Dr. M.Yousaf

**To: Mr. Faheem Ahmad**  
 ARE Daska, MM Pakistan (Pvt) Ltd.

**Project: Rehabilitation of 36" I/D Damaged Sewer line along Stadium Road.**

**Our Ref. No. CL/CED/ 9204**

**Dated: 18/08/2025**

**Test Specification**

**Your Ref. No. DSK/CON/1094/SW/224/2025**

**Dated: 04/08/2025**

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## COMPRESSION TEST REPORT



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

**Specimens received on: 04/08/2025    Tested on: 18/08/2025    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	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3675	29.64	119	8993	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3675	29.64	55	4157	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3690	29.64	119	8993	---	---
4	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3	---	3665	29.64	96	7255	---	---
5	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3	---	3600	29.64	84	6348	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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

- 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.

9900  
Dr. M.Yousaf

To: Syed Brothers Construction Company  
24 CCA, Phase 5 DHA, Lahore Cantt.

Project: 328-S Phase 7, DHA Lahore.

Our Ref. No. CL/CED/ 9205

Dated: 18/08/2025

Test Specification

Your Ref. No. Nil

Dated: Nil

(BS 3921\*\*)

## COMPRESSION TEST REPORT



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

Specimens received on: 04/08/2025 Tested on: 18/08/2025 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	S	---	---	---	8.8 x 4.3 x 2.8	3265	2810	37.84	44	2605	16.19	---
2	S	---	---	---	8.9 x 4.2 x 2.9	3395	2930	37.38	39	2337	15.87	---
3	S	---	---	---	8.8 x 4.3 x 2.9	3200	2765	37.84	38	2249	15.73	---
4	S	---	---	---	8.7 x 4.2 x 2.8	3245	2815	36.54	38	2330	15.28	---
5	S	---	---	---	8.8 x 4.3 x 2.8	3130	2705	37.84	39	2309	15.71	---
6	S	---	---	---	8.7 x 4.3 x 2.9	3235	2810	37.41	38	2275	15.12	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	#REF!	---	---	---	---	---	---

Witnessed by:

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- \* as engraved on the specimens (if any)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory