



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.

7341
 Dr. M. Mazhar

To: JR Private Limited
 22, Street #15, Cavalry Ground Ext. Lahore Cantt.

Project: Construction of Sports Complex at DHA Phase-V, Lahore.

Our Ref. No. CL/CED/ 5149

Dated: 26-06-24

Test Specification

Your Ref. No. Nil

Dated: 25-06-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 25-06-24 Tested on: 26-06-24 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	Right Side Footing (3000 Psi)	21	5	2024	6Diax12	---	14	28.28	54	4277	---	Non Engraved
2	Right Side Footing (3000 Psi)	21	5	2024	6Diax12	---	14	28.28	64	5069	---	Non Engraved
3	Right Side Footing (3000 Psi)	21	5	2024	6Diax12	---	14.4	28.28	64	5069	---	Non Engraved
4	Left Side Footing (3000 Psi)	21	5	2024	6Diax12	---	13.4	28.28	54	4277	---	Non Engraved
5	Left Side Footing (3000 Psi)	21	5	2024	6Diax12	---	13.8	28.28	54	4277	---	Non Engraved
6	Left Side Footing (3000 Psi)	21	5	2024	6Diax12	---	14	28.28	58	4594	---	Non Engraved
7	Pedestals Left Side (4000 Psi)	30	5	2024	6Diax12	---	14.4	28.28	74	5861	---	Non Engraved
8	Pedestals Left Side (4000 Psi)	30	5	2024	6Diax12	---	13.8	28.28	72	5703	---	Non Engraved
9	Pedestals Left Side (4000 Psi)	30	5	2024	6Diax12	---	13.8	28.28	66	5228	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
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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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7343
Dr. M. Mazhar

To: Mr. Salman Akhtar Khan
Assistant Resident Engineer, Construction Management Division, NESPAK (Pvt) Ltd.
Project: CONSTRUCTION OF PAKISTAN KIDNEY & LIVER INSTITUTE & RESEARCH CENTER, LAHORE HOSPITAL PKLI, PACKAGE C-1, PHASE-1. (Contractor: M/S HUAQI-SPARCO JV)
Our Ref. No. CL/CED/ 5150 Dated: 26-06-24
Your Ref. No. 3836/13/03/AA/C-1-LTR-9A-264 Dated: 25-06-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 25-06-24 Tested on: 26-06-24 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)	28	5	2024	6Diax12	---	14	28.28	64	5069	---	Engraved
2	(3000 Psi)	28	5	2024	6Diax12	---	13.8	28.28	66	5228	---	Engraved
3	(3000 Psi)	28	5	2024	6Diax12	---	14.4	28.28	58	4594	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Tanveer Hussain CNIC # 35201-6553857-9

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

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ORIGINAL
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7351
 Dr. M. Mazhar

To: Mr. Fiaz Ahmad
 Fiaz Ahmad & Co.

Project: Construction of Boundary Wall.

Our Ref. No. CL/CED/ 5151

Dated: 26-06-24

Test Specification

Your Ref. No. Nil

Dated: 26-06-24

(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	Column (3000 Psi)	11	6	2024	6Diax12	---	14	28.28	64	5069	---	Non Engraved
2	Column (3000 Psi)	11	6	2024	6Diax12	---	14	28.28	60	4752	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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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)
- ** 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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7291
 Dr. M. Mazhar

To: Engr. Ahmed
 Manager Structures, M/S Iqbal Uzair & Associates

Project: Site 181-D, Model Town, Lahore. (Contractor: CBS Developers)

Our Ref. No. CL/CED/ 5152

Dated: 26-06-24

Test Specification

Your Ref. No. Nil

Dated: Nil

(----)

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	SA1	---	---	---	9 x 4.3 x 3	3945	3505	38.7	44	2547	12.55	---
2	SA1	---	---	---	9 x 4.3 x 3	3940	3515	38.7	44	2547	12.09	---
3	SA1	---	---	---	9 x 4.3 x 3	3865	3435	38.7	42	2431	12.52	---
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
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7294
 Dr. M. Mazhar

To: Mr. Bilal Hayder
 CEO, The Property Maintenance Company.

Project: Rehabilitation, Restrengthening & Retrofitting of Building # 01 at DHQ.

Our Ref. No. CL/CED/ 5153

Dated: 26-06-24

Test Specification

Your Ref. No. Nil

Dated: 10-06-24

(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	---	10	5	2024	6Diax12	---	13	28.28	42	3327	---	Non Engraved
2	---	10	5	2024	6Diax12	---	12.4	28.28	50	3960	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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7294
 Dr. M. Mazhar

To: Mr. Bilal Hayder
 CEO, The Property Maintenance Company.

Project: Rehabilitation, Restrengthening & Retrofitting of Building # 01 at DHQ.

Our Ref. No. CL/CED/ 5154

Dated: 26-06-24

Test Specification

Your Ref. No. Nil

Dated: 10-06-24

(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	---	24	4	2024	6Diax12	---	12.2	28.28	38	3010	---	Non Engraved
2	---	24	4	2024	6Diax12	---	12.4	28.28	48	3802	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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7333
 Dr. M. Mazhar

To: **IBNA AL AZIZ**
 117 Ahmad Block, New Garden Town, Lahore.

Project: Sapphire Residence 84-Arif Jan Road Cantt Lahore.

Our Ref. No. CL/CED/ 5155

Dated: 26-06-24

Test Specification

Your Ref. No. IAA-131252

Dated: 24-06-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **24-06-24** Tested on: **26-06-24** 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)	25	5	2024	6Diax12	---	13	28.28	44	3485	---	Engraved
2	(3000 Psi)	25	5	2024	6Diax12	---	14	28.28	46	3644	---	Engraved
3	(3000 Psi)	25	5	2024	6Diax12	---	14	28.28	44	3485	---	Engraved
4	(3000 Psi)	13	6	2024	6Diax12	---	13.8	28.28	36	2851	---	Engraved
5	(3000 Psi)	13	6	2024	6Diax12	---	14	28.28	44	3485	---	Engraved
6	(3000 Psi)	13	6	2024	6Diax12	---	14.2	28.28	42	3327	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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