



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.

250
 Engr. A. Rehman

To: Mr. Mehmood Iqbal Asghar Cheema
 Resident Engineer, Metroplan-Asian JV, Site Office, Old P&D Tower-A, Lahore

Project: Re-Construction of Old P&D Building-Tower A (Fourth Floor Slab)

Our Ref. No. CL/CED/ 9584

Dated: 30/9/2025

Test Specification

Your Ref. No. Metroplan-Asian-JV/Old P&D/Tower-A/RE-41

Dated: 27/9/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 29/9/2025 **Tested on:** 30/9/2025 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	4000 Psi	25	8	2025	6Diax12	---	13	28.28	63	4990	---	Non Engraved
2	4000 Psi	25	8	2025	6Diax12	---	13	28.28	70	5545	---	Non Engraved
3	4000 Psi	25	8	2025	6Diax12	---	13	28.28	73	5782	---	Non Engraved
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
- **** 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



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236
 Engr. A. Rehman

To: Mr. Sajid Bashir Khawaja
 Resident Engineer, ACE Architectural & Town Planning Services Limited
 Project: Resident Construction Supervision for Construction of Punjab Revenue Authority (PRA)
 Headquarters, Lahore (Basement-2 Retaining Wall & Columns, Grid-(E'-J/01-02); Basement-2 Slab, Beams & Ramp, Grid (C'-I/01-06))
 Our Ref. No. CL/CED/ 9585 Dated: 30/9/2025 Test Specification
 Your Ref. No. ER/PRA/HQ/ACE/2025/54 Dated: 25/9/2025 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **26/9/2025** Tested on: **30/9/2025** 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	5000 Psi	28	8	2025	6Diax12	---	14.2	28.28	82	6495	---	Non Engraved
2	5000 Psi	28	8	2025	6Diax12	---	14	28.28	61	4832	---	Non Engraved
3	5000 Psi	28	8	2025	6Diax12	---	14.6	28.28	62	4911	---	Non Engraved
4	4000 Psi	28	8	2025	6Diax12	---	14.6	28.28	84	6653	---	Non Engraved
5	4000 Psi	28	8	2025	6Diax12	---	14.6	28.28	58	4594	---	Non Engraved
6	4000 Psi	28	8	2025	6Diax12	---	14.4	28.28	68	5386	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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- * as engraved on the specimens (if any)
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249
 Engr. A. Rehman

To: Mr. Abdul Tawwab Khan
 Director Admin, Mall of Arabia, Hadi Avenue (Pvt) Ltd, Raiwind Road, Lahore

Project: Construction of Mall of Arabia, A Project of Hadi Avenue (Pvt) Ltd, Al-Kabir Town Phase-II, Lahore

Our Ref. No. CL/CED/ 9586 Dated: 30/9/2025 Test Specification
 Your Ref. No. 043/27/09/2025 Dated: 27/9/2025 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **29/9/2025** Tested on: **30/9/2025** 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	---	21	8	2025	6Diax12	---	13.4	28.28	87	6891	---	Non Engraved
2	---	21	8	2025	6Diax12	---	13.6	28.28	73	5782	---	Non Engraved
3	---	21	8	2025	6Diax12	---	13.8	28.28	82	6495	---	Non Engraved
4	---	21	8	2025	6Diax12	---	13	28.28	74	5861	---	Non Engraved
5	---	21	8	2025	6Diax12	---	13.6	28.28	82	6495	---	Non Engraved
6	---	21	8	2025	6Diax12	---	13.6	28.28	78	6178	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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224
Engr. A. Rehman

To: Engr. M. Rashid
Site Engineer, Husnain Kareemain, Residential & Commercial Builders

Project: Construction of Lahore Grammar School 308-C Johar Town Lahore

Our Ref. No. CL/CED/ 9587

Dated: 30/9/2025

Test Specification

Your Ref. No. Nil

Dated: Nil

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 25/9/2025 Tested on: 30/9/2025 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	3750 Psi	11	9	2025	6x6x6	---	8.4	36	68	4231	---	Non Engraved
2	3750 Psi	11	9	2025	6x6x6	---	8.8	36	122	7591	---	Non Engraved
3	3750 Psi	11	9	2025	6x6x6	---	8.8	36	134	8338	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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225
 Engr. A. Rehman

To: Mr. M. Nadeem Zafar Ullah
 Incharge (Civil) for Managing Director, SUI Northern Gas

Project: Construction of Office Building at Central Base Workshop at Manga Lahore

Our Ref. No. CL/CED/ 9588

Dated: 30/9/2025

Test Specification

Your Ref. No. CC/CBS/MANGA

Dated: 25/9/2025

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COMPRESSION TEST REPORT



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

Specimens received on: 25/9/2025 **Tested on:** 30/9/2025 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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	Rectangular, Grey, 60 mm (7ksi)	---	---	---	7.8 x 3.9 x 2.4	---	2715	30.42	106	7805	---	---
2	Rectangular, Grey, 60 mm (7ksi)	---	---	---	7.8 x 3.9 x 2.4	---	2730	30.42	112	8247	---	---
3	Rectangular, Grey, 60 mm (7ksi)	---	---	---	7.8 x 3.9 x 2.4	---	2720	30.42	107	7879	---	---
4	Rectangular, Grey, 60 mm (7ksi)	---	---	---	7.8 x 3.9 x 2.4	---	2735	30.42	115	8468	---	---
5	Rectangular, Grey, 60 mm (7ksi)	---	---	---	7.8 x 3.9 x 2.4	---	2750	30.42	110	8100	---	---
6	Rectangular, Grey, 60 mm (7ksi)	---	---	---	7.8 x 3.9 x 2.4	---	2735	30.42	107	7879	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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241
 Engr. A. Rehman

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

Project: HBL F-11 Markaz, Islamabad

Our Ref. No. CL/CED/ 9589

Dated: 30/9/2025

Test Specification

Your Ref. No. BMP/SMS/UET/041

Dated: 29/9/2025

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COMPRESSION TEST REPORT



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

Specimens received on: 29/9/2025 Tested on: 30/9/2025 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	Holed Solid Block, Grey	---	---	---	12 x 6 x 8	---	22	72	100	3111	---	---
2	Holed Solid Block, Grey	---	---	---	12 x 6 x 8	---	21	72	94	2924	---	---
3	Holed Solid Block, Grey	---	---	---	12 x 6 x 8	---	22	72	108	3360	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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