



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.

137
 Dr. Aqsa Shabbir

To: Mr. Ghulam Abbas
 XEN, Garrison Engineering (Army)-II, Lahore Cantt

Project: Construction of 8 x E Type Flats (G+3), Block No. 2 at PMAD Colony, Lahore

Our Ref. No. CL/CED/ 9456

Dated: 15/09/2025

Test Specification

Your Ref. No. 6003/50/E6

Dated: 05/09/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10/09/2025 Tested on: 15/09/2025 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	Raft, 3000 Psi	4	8	2025	6Diax12	---	13.4	28.28	46	3644	---	Non Engraved
2	Raft, 3000 Psi	4	8	2025	6Diax12	---	13.6	28.28	61	4832	---	Non Engraved
3	Raft, 3000 Psi	4	8	2025	6Diax12	---	13.4	28.28	43	3406	---	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
- **** 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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147
 Dr. Aqsa Shabbir

To: Engr. Abdullah Imran
 P & C Engineer, Ittefaq Building Solutions Pvt. Ltd.

Project: AM International, Raiwind Road, Lahore

Our Ref. No. CL/CED/ 9457

Dated: 15/09/2025

Test Specification

Your Ref. No. Nil

Dated: 12/09/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 12/09/2025 **Tested on:** 15/09/2025 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	3000 Psi (FF Slab)	26	8	2025	6Diax12	---	13.4	28.28	83	6574	---	Non Engraved
2	3000 Psi (FF Slab)	26	8	2025	6Diax12	---	13.8	28.28	81	6416	---	Non Engraved
3	3000 Psi (FF Slab)	26	8	2025	6Diax12	---	14	28.28	76	6020	---	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
- **** 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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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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144
 Dr. Aqsa Shabbir

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

Our Ref. No. CL/CED/ 9458

Dated: 15/09/2025

Test Specification

Your Ref. No. Metroplan Asian-JV/(Old P&D)/Tower-A/RE-32

Dated: 10/09/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 12/09/2025 **Tested on:** 15/09/2025 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 (Third Floor Slab)	12	8	2025	6Diax12	---	13.6	28.28	66	5228	---	Non Engraved
2	4000 Psi (Third Floor Slab)	12	8	2025	6Diax12	---	14	28.28	77	6099	---	Non Engraved
3	4000 Psi (Third Floor Slab)	12	8	2025	6Diax12	---	13.6	28.28	75	5941	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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144
 Dr. Aqsa Shabbir

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

Our Ref. No. CL/CED/ 9459

Dated: 15/09/2025

Test Specification

Your Ref. No. Metroplan Asian-JV/(Old P&D)/Tower-A/RE-31

Dated: 10/09/2025

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COMPRESSION TEST REPORT



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

Specimens received on: 12/09/2025 **Tested on:** 15/09/2025 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	6"x 8"x 12" Solid Block	---	---	---	12 x 5.9 x 8	---	21	70.8	86	2721	---	---
2	6"x 8"x 12" Solid Block	---	---	---	12 x 6 x 8	---	21	72	78	2427	---	---
3	6"x 8"x 12" Solid Block	---	---	---	12 x 5.9 x 8	---	19.9	70.8	91	2879	---	---
4	6"x 8"x 12" Solid Block	---	---	---	12 x 6 x 8	---	19.8	72	77	2396	---	---
5	6"x 8"x 12" Solid Block	---	---	---	12 x 6 x 8	---	20	72	54	1680	---	---
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93
 Dr. Aqsa Shabbir

To: Mr. Amjad Hussain
 Resident Engineer, Highways and Transportation Engineering Division. NESPAK (Pvt) Ltd.
 Project: Scheme # 15, Rehabilitation/Improvement of Streets (P.C.C.) Sewerage/Drainage UC 183,189 Wahga Zone MCL.
 Our Ref. No. CL/CED/ 9460 Dated: 15/09/2025 Test Specification
 Your Ref. No. 4084/103/LDP/WZ(S-15)/04/06 Dated: 29/08/2025 (BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **03/09/2025** Tested on: **15/09/2025** 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	IHI	---	---	---	8.7 x 4.3 x 3	3690	3280	37.41	47	2814	12.5	---
2	IHI	---	---	---	8.8 x 4.3 x 2.9	3740	3295	37.84	37	2190	13.51	---
3	IHI	---	---	---	8.7 x 4.3 x 2.9	3635	3195	37.41	43	2575	13.77	---
4	IHI	---	---	---	8.8 x 4.3 x 3	3725	3245	37.84	42	2486	14.79	---
5	IHI	---	---	---	8.7 x 4.3 x 2.9	3670	3170	37.41	36	2156	15.77	---
6	IHI	---	---	---	8.7 x 4.3 x 3	3730	3230	37.41	41	2455	15.48	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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143
 Dr. Aqsa Shabbir

To: Radiant Construction Technologies LLP, Sustainable Solutions
 54-E, Mohafiz Town, Multan Road, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 9461-1 of 2

Dated: 15/09/2025

Test Specification

Your Ref. No. Nil

Dated: 10/09/2025

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 11/09/2025 **Tested on:** 15/09/2025 **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	ConTile Bond Y	11	8	2025	2 x 2 x 2	---	205	4	3	1680	---	Non Engraved
2	ConTile Bond Y	11	8	2025	2 x 2 x 2	---	205	4	3	1680	---	Non Engraved
3	ConTile Bond Y	11	8	2025	2 x 2 x 2	---	210	4	3	1680	---	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

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Director/Dy. Director Concrete Laboratory



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143
Dr. Aqsa Shabbir

To: Radiant Construction Technologies LLP, Sustainable Solutions
54-E, Mohafiz Town, Multan Road, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 9461-2 of 2

Dated: 15/09/2025

Test Specification

Your Ref. No. Nil

Dated: 10/09/2025

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 11/09/2025 Tested on: 15/09/2025 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	ConTile Bond Y	11	8	2025	2 x 2 x 2	220	210	4	---	---	4.76	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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