



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.

139
 Engr. A. Rehman

To: Minhas Construction Contractor
 Faisal Hill, Taxila

Project: ETP Plant Tanks

Our Ref. No. CL/CED/ 9448

Dated: 12/09/2025

Test Specification

Your Ref. No. MCC/CFL/025

Dated: 11/09/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 11/09/2025 **Tested on:** 12/09/2025 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	22	8	2025	6Diax12	---	13	28.28	36	2851	---	Engraved
2	3000 Psi	22	8	2025	6Diax12	---	13	28.28	45	3564	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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 Faisal Hill, Taxila

Project: ETP Plant Tanks

Our Ref. No. CL/CED/ 9449

Dated: 12/09/2025

Test Specification

Your Ref. No. MCC/CFL/025

Dated: 11/09/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 11/09/2025 **Tested on:** 12/09/2025 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	24	8	2025	6Diax12	---	13.4	28.28	43	3406	---	Engraved
2	3000 Psi	24	8	2025	6Diax12	---	13.4	28.28	44	3485	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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139
 Engr. A. Rehman

To: Minhas Construction Contractor
 Faisal Hill, Taxila

Project: HVAC Plant Room

Our Ref. No. CL/CED/ 9450

Dated: 12/09/2025

Test Specification

Your Ref. No. MCC/CFL/025

Dated: 11/09/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 11/09/2025 **Tested on:** 12/09/2025 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	28	8	2025	6Diax12	---	13.6	28.28	44	3485	---	Engraved
2	3000 Psi	28	8	2025	6Diax12	---	13.8	28.28	40	3168	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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142
 Engr. A. Rehman

To: Mr. Saad Bin Fareed
 Project In-Charge, Opal Advertising and Interiors, Near Paradise Hotel, Saddar, Karachi

Project: Allied Bank Limited Sheikhpura

Our Ref. No. CL/CED/ 9451

Dated: 12/09/2025

Test Specification

Your Ref. No. ABL/SHK/CC

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 11/09/2025 Tested on: 12/09/2025 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	---	28	8	2025	6Diax12	---	13	28.28	41	3248	---	Engraved
2	---	28	8	2025	6Diax12	---	13	28.28	46	3644	---	Engraved
3	---	28	8	2025	6Diax12	---	13	28.28	46	3644	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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 Engr. A. Rehman

To: Mr. Saad Bin Fareed
 Project In-Charge, Opal Advertising and Interiors, Near Paradise Hotel, Saddar, Karachi

Project: Allied Bank Limited Sheikhpura

Our Ref. No. CL/CED/ 9452

Dated: 12/09/2025

Test Specification

Your Ref. No. ABL/SHK/CC

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT



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		DD	MM	YYYY								
1	---	5	9	2025	6Diax12	---	13	28.28	56	4436	---	Non Engraved
2	---	5	9	2025	6Diax12	---	13	28.28	44	3485	---	Non Engraved
3	---	5	9	2025	6Diax12	---	12.4	28.28	42	3327	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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135
 Engr. A. Rehman

To: Z. H. Kazmi
 Principal Architect, Z. H. Kazmi & Associates, Gulberg-III, Lahore

Project: Construction of MCB Bank Limited Building, Sector N, Central Square, Phase 1, DHA Multan.

Our Ref. No. CL/CED/ 9453

Dated: 12/09/2025

Test Specification

Your Ref. No. Nil

Dated: 09/09/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10/09/2025 **Tested on:** 12/09/2025 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	---	30	8	2025	6Diax12	---	13.8	28.28	33	2614	---	Non Engraved
2	---	30	8	2025	6Diax12	---	13.8	28.28	37	2931	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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132
Engr. A. Rehman

To: Mr. Ahmed Jibran
CEO, Sahibzada Resources (SMC-Pvt) Ltd

Project: Pine Avenue Road, Lahore

Our Ref. No. CL/CED/ 9454

Dated: 12/09/2025

Test Specification

Your Ref. No. Nil

Dated: 09/09/2025

(ASTM C39)

COMPRESSION TEST REPORT



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		DD	MM	YYYY								
1	---	23	8	2025	6Diax12	---	12.2	28.28	14	1109	---	Engraved
2	---	23	8	2025	6Diax12	---	13	28.28	17	1347	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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140
 Engr. A. Rehman

To: Assistant Director Works
 Punjab Workers Welfare Fund, F/A-1, Khyber Block, Allama Iqbal Town Lahore.

Project: Extension of Punjab Workers Welfare Fund, Lahore (HQ)

Our Ref. No. CL/CED/ 9455-1 of 2

Dated: 12/09/2025

Test Specification

Your Ref. No. PW/DW-2500

Dated: 09/09/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

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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	Slab Conc. (1:2:4)	28	8	2025	6x6x6	---	7	36	46	2862	---	Non Engraved
2	Slab Conc. (1:2:4)	28	8	2025	6x6x6	---	7	36	47	2924	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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