



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.

2094
Dr. Qasim Shaukat

To: Cantonment Executive Officer
Gujranwala Cantt. (M/s The Industrial Pool).

Project: Construction of Nullah from Disposal Pump near Pero Shaheed to Sugar Mill Chowk Railway Road
Rahwali Gujranwala Cantt.

Our Ref. No. CL/CED/ 6248

Dated: 01-11-21

Test Specification

Your Ref. No. SCE/Engg/01

Dated: 04-10-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 14-10-21 Tested on: 01-11-21 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	RCC type B' Slab	6	10	2021	6Diax12	---	14	28.28	92	7287	---	Non Engraved
2	RCC type B' Slab	6	10	2021	6Diax12	---	13.4	28.28	73	5782	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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
- **** 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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2141
 Dr. Qasim Shaukat

To: Mr. Muhammad Azeem (Operation Manager)
 Amer Adnan Associates. 17-E-II, Gulberg-III, Lahore.

Project: Hotel Building at 24-A Block E/2 Gulberg-III, Lahore.

Our Ref. No. CL/CED/ 6249

Dated: 01-11-21

Test Specification

Your Ref. No. AA/24A/0056

Dated: 22-10-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 22-10-21 **Tested on:** 01-11-21 **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	23	9	2021	6Diax12	---	13.6	28.28	66	5228	---	Engraved
2	5000 Psi	23	9	2021	6Diax12	---	13	28.28	57	4515	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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
- *** 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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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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2142
 Dr. Qasim Shaukat

To: Mr. Junaid Mughal Architects.
 155 MB DHA, Ph-6, Lahore.

Project: Construction of Farmhouse at Bedian Road.

Our Ref. No. CL/CED/ 6250

Dated: 01-11-21

Test Specification

Your Ref. No. Nil

Dated: 25-10-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 25-10-21 Tested on: 01-11-21 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	---	16	9	2021	6Diax12	---	14	28.28	66	5228	---	Engraved
2	---	16	9	2021	6Diax12	---	14	28.28	73	5782	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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
- *** 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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2131
 Dr. Qasim Shaukat

To: Mr. Muhammad Saleem, GM
 Professional Construction Services (Pvt.) Ltd.

Project: Construction of Allied Bank at PIA Employees Society, Lahore.

Our Ref. No. CL/CED/ 6251

Dated: 01-11-21

Test Specification

Your Ref. No. PCS/21/Eng-121

Dated: 21-10-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 21-10-21 **Tested on:** 01-11-21 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	G.F. Column (1:1.5:3)	12	10	2021	6Diax12	---	13.6	28.28	36	2851	---	Not Engraved
2	G.F. Column (1:1.5:3)	12	10	2021	6Diax12	---	14	28.28	46	3644	---	Not Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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- * 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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2131
 Dr. Qasim Shaukat

To: Mr. Muhammad Saleem, GM
 Professional Construction Services (Pvt.) Ltd.

Project: Construction of Allied Bank at PIA Employees Society, Lahore.

Our Ref. No. CL/CED/ 6252

Dated: 01-11-21

Test Specification

Your Ref. No. PCS/21/Eng-121-A

Dated: 21-10-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 21-10-21 **Tested on:** 01-11-21 **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	Plinth Beam (1:2:4)	25	9	2021	6Diax12	---	14	28.28	46	3644	---	Not Engraved
2	Plinth Beam (1:2:4)	25	9	2021	6Diax12	---	13.4	28.28	41	3248	---	Not Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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- * 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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2147
 Dr. Qasim Shaukat

To: Mr. Asad Khan, Procurement Officer
 Thaheem Construction Company.

Project: Water Treatment Plant Master Textile Mill Raiwind.

Our Ref. No. CL/CED/ 6253-1 of 2

Dated: 01-11-21

Test Specification

Your Ref. No. Nil

Dated: 25-10-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 26-10-21 **Tested on:** 01-11-21 **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	27	9	2021	6Diax12	---	14	28.28	65	5149	---	Not Engraved
2	3000 Psi	27	9	2021	6Diax12	---	14	28.28	57	4515	---	Not Engraved
3	3000 Psi	27	9	2021	6Diax12	---	14	28.28	57	4515	---	Not Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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2147
 Dr. Qasim Shaukat

To: Mr. Asad Khan, Procurement Officer
 Thaheem Construction Company.

Project: Water Treatment Plant Master Textile Mill Raiwind.

Our Ref. No. CL/CED/ 6253-2 of 2

Dated: 01-11-21

Test Specification

Your Ref. No. Nil

Dated: 25-10-21

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **26-10-21** Tested on: **01-11-21** 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	3750 Psi	25	9	2021	6x6x6	---	9	36	124	7716	---	Not Engraved
2	3750 Psi	25	9	2021	6x6x6	---	8.8	36	120	7467	---	Not Engraved
3	3750 Psi	25	9	2021	6x6x6	---	8.4	36	118	7342	---	Not Engraved
4	3000 Psi	28	9	2021	6x6x6	---	8.2	36	61	3796	---	Not Engraved
5	3000 Psi	28	9	2021	6x6x6	---	8.6	36	62	3858	---	Not Engraved
6	3000 Psi	28	9	2021	6x6x6	---	8.8	36	63	3920	---	Not Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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Director/Dy. Director Concrete Laboratory



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2133
 Dr. M. Yousaf

To: Mr. Talha Javaid
 Planning & Coordination Engineer

Project: Mikail Khan (House No. 177, Scotch Corner, Upper Mall, Lahore.)

Our Ref. No. CL/CED/ 6254

Dated: 01-11-21

Test Specification

Your Ref. No. Nil

Dated: 21-10-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE 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	---	15	10	2021	6Diax12	---	12.6	28.28	47	3723	---	Non Engraved
2	---	15	10	2021	6Diax12	---	13.4	28.28	46	3644	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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- ** 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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- 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 of the report has been retained in the lab for record.

2154
 Dr. Qasim Shaukat

To: Mr. Asif Pervaiz Butt. R.E
 AYQ Developers Pvt. Ltd. Youhanabad, Lahore.

Project: Union Complex

Our Ref. No. CL/CED/ 6255

Dated: 01-11-21

Test Specification

Your Ref. No. Nil

Dated: 27-10-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE 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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	6000 Psi	14	10	2021	6Diax12	---	13.8	28.28	64	5069	---	Non Engraved
2	6000 Psi	14	10	2021	6Diax12	---	14	28.28	78	6178	---	Non Engraved
3	6000 Psi	14	10	2021	6Diax12	---	14	28.28	77	6099	---	Non Engraved
4	6000 Psi	14	10	2021	6Diax12	---	13.8	28.28	79	6257	---	Non Engraved
5	6000 Psi	14	10	2021	6Diax12	---	14	28.28	70	5545	---	Non Engraved
6	6000 Psi	14	10	2021	6Diax12	---	14	28.28	60	4752	---	Non Engraved
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-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

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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.

2161
 Engr. Ubaid

To: Mr. Abdul Ghafar, Project Manager
 Liberty Builders.

Project: Construction of Zee Avenue-Ramada Hotel & Suites 17-A Cooper Road, Lahore.

Our Ref. No. CL/CED/ 6256

Dated: 01-11-21

Test Specification

Your Ref. No. CBT/UET/2021028

Dated: 28-10-21

(---)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 28-10-21 **Tested on:** 01-11-21 **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	Solid Block (31)	---	---	---	11.8x3.9x8.0	---	14.2	44.52	24	1208	---	---
2	Solid Block (32)	---	---	---	11.8x3.9x8.0	---	14	44.52	33	1660	---	---
3	Solid Block (33)	---	---	---	11.8x3.9x8.0	---	14	44.52	23	1157	---	---
4	Hollow Block (34)	---	---	---	15.7x7.8x7.9	---	23	75.5	53	1572	---	---
5	Hollow Block (35)	---	---	---	15.7x7.8x7.9	---	21	62.1	40	1443	---	---
6	Hollow Block (36)	---	---	---	15.7x7.8x7.9	---	22.4	62.1	43	1551	---	---
7	Solid Block (37)	---	---	---	11.8x3.9x8.0	---	14	44.52	30	1509	---	---
8	Solid Block (38)	---	---	---	11.8x3.9x8.0	---	14.8	44.52	31	1560	---	---
9	Solid Block (39)	---	---	---	11.8x3.9x8.0	---	14	44.52	26	1308	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

2152
 Engr. Ubaid

To: Mr. Riaz Ahmad
 Riaz Construction Company, 205-A, Block NFC Street 1, Lahore.

Project: TCF Primary School Mandi Bahauddin.

Our Ref. No. CL/CED/ 6257

Dated: 01-11-21

Test Specification

Your Ref. No. Nil

Dated: 27-10-21

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE 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	G.F. Roof Slab	29	9	2021	6x6x6	---	8.4	36	66	4107	---	Engraved
2	G.F. Roof Slab	29	9	2021	6x6x6	---	8.4	36	65	4044	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: _____

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Director/Dy. Director Concrete Laboratory