



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.

8330

Dr. Qasim Khan

To: Project Manager
SUNSHINE HEALTHCARE Private Limited, Shahdra Lahore.

Project: SUNSHINE MEDICAL TOWER SHAHDRA

Our Ref. No. CL/CED/ 6644-1 of 2

Dated: 05-12-24

Test Specification

Your Ref. No. Nil

Dated: 29/11/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 29/11/2024 Tested on: 05-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Wall Water Dipped	30	10	2024	6Diax12	---	13	28.28	35	2772	---	Engraved
2	Wall Water Dipped	30	10	2024	6Diax12	---	13	28.28	41	3248	---	Engraved
3	Wall Field Curing	30	10	2024	6Diax12	---	13.2	28.28	36	2851	---	Engraved
4	Wall Field Curing	30	10	2024	6Diax12	---	13.2	28.28	36	2851	---	Engraved
5	Slab Water Dipped	4	11	2024	6Diax12	---	13.2	28.28	56	4436	---	Engraved
6	Slab Water Dipped	4	11	2024	6Diax12	---	13.2	28.28	56	4436	---	Engraved
7	Slab Field Curing	4	11	2024	6Diax12	---	13.2	28.28	58	4594	---	Engraved
8	Slab Field Curing	4	11	2024	6Diax12	---	13.8	28.28	56	4436	---	Engraved
9	Slab Water Dipped	6	11	2024	6Diax12	---	14	28.28	43	3406	---	Engraved
10	Slab Water Dipped	6	11	2024	6Diax12	---	13	28.28	42	3327	---	Engraved
11	Slab Field Curing	6	11	2024	6Diax12	---	14	28.28	56	4436	---	Engraved
12	Slab Field Curing	6	11	2024	6Diax12	---	13.6	28.28	50	3960	---	Engraved
13	Slab Water Curing	13	11	2024	6Diax12	---	13.4	28.28	54	4277	---	Engraved
14	Slab Water Curing	13	11	2024	6Diax12	---	13.2	28.28	48	3802	---	Engraved
15	Slab Field Curing	13	11	2024	6Diax12	---	14	28.28	61	4832	---	Engraved
16	Slab Field Curing	13	11	2024	6Diax12	---	13.4	28.28	52	4119	---	Engraved

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

- 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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Project: SUNSHINE MEDICAL TOWER SHAHDRA

Our Ref. No. CL/CED/ 6644-2 of 2

Dated: 05-12-24

Test Specification

Your Ref. No. Nil

Dated: 29/11/2024

(ASTM C39)

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Specimens received on: 29/11/2024 Tested on: 05-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Wall Water Dipped	13	11	2024	6Diax12	---	13	28.28	78	6178	---	Engraved
2	Wall Water Dipped	13	11	2024	6Diax12	---	13.6	28.28	71	5624	---	Engraved
3	Wall Field Curing	13	11	2024	6Diax12	---	13.4	28.28	78	6178	---	Engraved
4	Wall Field Curing	13	11	2024	6Diax12	---	13.6	28.28	61	4832	---	Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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
- *** 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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8333
 Dr. Qasim Khan

To: Mr. Parvaiz
 Site Engineer, Five Star Construction Co., Gulshan-e-Iqbal, Karachi

Project: Construction of Drain Channel at CCI LHR Plant

Our Ref. No. CL/CED/ 6645

Dated: 05-12-24

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 02-12-24 Tested on: 05-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	P1 (3000 Psi)	26	10	2024	6Diax12	---	13.2	28.28	60	4752	---	Non Engraved
2	P1 (3000 Psi)	26	10	2024	6Diax12	---	13	28.28	40	3168	---	Non Engraved
3	P1 (3000 Psi)	26	10	2024	6Diax12	---	13.4	28.28	70	5545	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Director/Dy. Director Concrete Laboratory



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Dr. Qasim Khan

To: Mr. Parvaiz
Site Engineer, Five Star Construction Co., Gulshan-e-Iqbal, Karachi

Project: Construction of Drain Channel at CCI LHR Plant

Our Ref. No. CL/CED/ 6646

Dated: 05-12-24

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 02-12-24 Tested on: 05-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	P7 (3000 Psi)	1	11	2024	6Diax12	---	13	28.28	48	3802	---	Non Engraved
2	P7 (3000 Psi)	1	11	2024	6Diax12	---	13.4	28.28	59	4673	---	Non Engraved
3	P7 (3000 Psi)	1	11	2024	6Diax12	---	13.6	28.28	49	3881	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

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To: Mr. Parvaiz
Site Engineer, Five Star Construction Co., Gulshan-e-Iqbal, Karachi

Project: Construction of Drain Channel at CCI LHR Plant

Our Ref. No. CL/CED/ 6647

Dated: 05-12-24

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 02-12-24 Tested on: 05-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	P4 (3000 Psi)	29	10	2024	6Diax12	---	13.2	28.28	58	4594	---	Non Engraved
2	P4 (3000 Psi)	29	10	2024	6Diax12	---	13	28.28	46	3644	---	Non Engraved
3	P4 (3000 Psi)	29	10	2024	6Diax12	---	13.4	28.28	60	4752	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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To: Mr. Parvaiz
Site Engineer, Five Star Construction Co., Gulshan-e-Iqbal, Karachi

Project: Construction of Drain Channel at CCI LHR Plant

Our Ref. No. CL/CED/ 6648

Dated: 05-12-24

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT



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Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	P5 (3000 Psi)	30	10	2024	6Diax12	---	13.6	28.28	61	4832	---	Non Engraved
2	P5 (3000 Psi)	30	10	2024	6Diax12	---	13.8	28.28	85	6733	---	Non Engraved
3	P5 (3000 Psi)	30	10	2024	6Diax12	---	13.2	28.28	66	5228	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Project: Construction of Drain Channel at CCI LHR Plant

Our Ref. No. CL/CED/ 6649

Dated: 05-12-24

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

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		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	P2 (3000 Psi)	27	10	2024	6Diax12	---	13.2	28.28	45	3564	---	Non Engraved
2	P2 (3000 Psi)	27	10	2024	6Diax12	---	13.4	28.28	64	5069	---	Non Engraved
3	P2 (3000 Psi)	27	10	2024	6Diax12	---	13.4	28.28	55	4356	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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To: Mr. Parvaiz
Site Engineer, Five Star Construction Co., Gulshan-e-Iqbal, Karachi

Project: Construction of Drain Channel at CCI LHR Plant

Our Ref. No. CL/CED/ 6650

Dated: 05-12-24

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT



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Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	P3 (3000 Psi)	28	10	2024	6Diax12	---	13.2	28.28	50	3960	---	Non Engraved
2	P3 (3000 Psi)	28	10	2024	6Diax12	---	13.6	28.28	57	4515	---	Non Engraved
3	P3 (3000 Psi)	28	10	2024	6Diax12	---	14	28.28	56	4436	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
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



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.

8333

Dr. Qasim Khan

To: Mr. Parvaiz
Site Engineer, Five Star Construction Co., Gulshan-e-Iqbal, Karachi

Project: Construction of Admin Office Building at Asian Food Industries LHR.

Our Ref. No. CL/CED/ 6651

Dated: 05-12-24

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: 02-12-24 Tested on: 05-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	(3750 Psi)	26	10	2024	6x6x6	---	8.8	36	92	5724	---	Non Engraved
2	(3750 Psi)	26	10	2024	6x6x6	---	8.2	36	99	6160	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
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"x12" 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



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.

8333

Dr. Qasim Khan

To: Mr. Parvaiz
Site Engineer, Five Star Construction Co., Gulshan-e-Iqbal, Karachi

Project: Construction of Admin Office Building at Asian Food Industries LHR.

Our Ref. No. CL/CED/ 6652

Dated: 05-12-24

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: 02-12-24 Tested on: 05-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	(3000 Psi)	22	10	2024	6x6x6	---	9	36	72	4480	---	Non Engraved
2	(3000 Psi)	22	10	2024	6x6x6	---	9	36	63	3920	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
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



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.

8338

Dr. Qasim Khan

To: S & S Associates
Johar Town, Lahore.

Project: New Cafeteria Construction (PEB SHED) at Designtex in STML-8 Building

Our Ref. No. CL/CED/ 6653

Dated: 05-12-24

Test Specification

Your Ref. No. STML/PBS/051

Dated: 03-12-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 03-12-24 Tested on: 05-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	C-30 (Column)	8	11	2024	6x6x6	---	9	36	53	3298	---	Non Engraved
2	C-30 (Column)	8	11	2024	6x6x6	---	8.4	36	54	3360	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
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"x12" 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



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.

8338

Dr. Qasim Khan

To: S & S Associates
Johar Town, Lahore.

Project: New Cafeteria Construction (PEB SHED) at Designtex in STML-8 Building

Our Ref. No. CL/CED/ 6654

Dated: 05-12-24

Test Specification

Your Ref. No. STML/PBS/052

Dated: 03-12-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 03-12-24 Tested on: 05-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	C-20 (Plinth Beam)	21	11	2024	6x6x6	---	7.6	36	47	2924	---	Non Engraved
2	C-20 (Plinth Beam)	21	11	2024	6x6x6	---	8.2	36	49	3049	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
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"x12" 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



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.

8338

Dr. Qasim Khan

To: S & S Associates
Johar Town, Lahore.

Project: New Cafeteria Construction (PEB SHED) at Designtex in STML-8 Building

Our Ref. No. CL/CED/ 6655

Dated: 05-12-24

Test Specification

Your Ref. No. STML/PBS/053

Dated: 03-12-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 03-12-24 Tested on: 05-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	C-20 (Foundation-Prayer Area)	28	11	2024	6x6x6	---	8	36	35	2178	---	Non Engraved
2	C-20 (Foundation-Prayer Area)	28	11	2024	6x6x6	---	8.4	36	34	2116	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
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
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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.

8341

Dr. Qasim Khan

To: Mr. Zia-ur-Rauf
Resident Engineer, New Vision Engineering Consultant, Phase II-A, Shalimar Town GT Road Lahore

Project: Upgradation & Modernization of Pakistan Mint (Slab Roof & Beam Grid (16'/23)-A/D)

Our Ref. No. CL/CED/ 6656

Dated: 05-12-24

Test Specification

Your Ref. No. NVEC/RE/PAKMINT/2024/62

Dated: 03-12-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 03-12-24 Tested on: 05-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	(4000 Psi)	27	11	2024	6Diax12	---	13.6	28.28	50	3960	---	Non Engraved
2	(4000 Psi)	27	11	2024	6Diax12	---	13.2	28.28	51	4040	---	Non Engraved
3	(4000 Psi)	27	11	2024	6Diax12	---	13.2	28.28	42	3327	---	Non Engraved
4	(4000 Psi)	27	11	2024	6Diax12	---	14	28.28	38	3010	---	Non Engraved
5	(4000 Psi)	27	11	2024	6Diax12	---	13.2	28.28	50	3960	---	Non Engraved
6	(4000 Psi)	27	11	2024	6Diax12	---	13.4	28.28	47	3723	---	Non Engraved
7	(4000 Psi)	27	11	2024	6Diax12	---	13	28.28	36	2851	---	Non Engraved
8	(4000 Psi)	27	11	2024	6Diax12	---	13.2	28.28	49	3881	---	Non Engraved
9	(4000 Psi)	27	11	2024	6Diax12	---	13.2	28.28	46	3644	---	Non Engraved
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

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



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.

8335

Dr. Qasim Khan

To: Mr. Zia-ur-Rauf
Resident Engineer, New Vision Engineering Consultant, Phase II-A, Shalimar Town GT Road Lahore

Project: Upgradation & Modernization of Pakistan Mint

Our Ref. No. CL/CED/ 6657

Dated: 05-12-24

Test Specification

Your Ref. No. NVEC/RE/PAKMINT/2024/61

Dated: 29-11-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 02-12-24 Tested on: 05-12-24 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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	Col.Bracing Beam Slab(5000 Psi)	27	10	2024	6Diax12	---	13.4	28.28	69	5465	---	Non Engraved
2	Col.Bracing Beam Slab(5000 Psi)	27	10	2024	6Diax12	---	13.4	28.28	70	5545	---	Non Engraved
3	Col.Bracing Beam Slab(5000 Psi)	27	10	2024	6Diax12	---	13.8	28.28	75	5941	---	Non Engraved
4	Bracing Beam Bk-I Grid D (4000 Psi)	16	11	2024	6Diax12	---	13.2	28.28	44	3485	---	Non Engraved
5	Bracing Beam Bk-I Grid D (4000 Psi)	16	11	2024	6Diax12	---	13.2	28.28	42	3327	---	Non Engraved
6	Bracing Beam Bk-I Grid D (4000 Psi)	16	11	2024	6Diax12	---	13.4	28.28	42	3327	---	Non Engraved
7	Lift-Bracing Beam Level (5000 Psi)	16	11	2024	6Diax12	---	13	28.28	37	2931	---	Non Engraved
8	Lift-Bracing Beam Level (5000 Psi)	16	11	2024	6Diax12	---	13.4	28.28	54	4277	---	Non Engraved
9	Lift-Bracing Beam Level (5000 Psi)	16	11	2024	6Diax12	---	13.6	28.28	58	4594	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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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- 2.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 for the report has been retained in the lab for record.

8339

Dr. Qasim Khan

To: Mr. Muhammad Sajjad
Project Incharge

Project: Construction of House No. 60, C Block Model Town Lahore

Our Ref. No. CL/CED/ 6658

Dated: 05-12-24

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 03-12-24 Tested on: 05-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	3rd Floor Slab (3000 Psi)	25	11	2024	6Diax12	---	13.2	28.28	43	3406	---	Non Engraved
2	3rd Floor Slab (3000 Psi)	25	11	2024	6Diax12	---	13.6	28.28	37	2931	---	Non Engraved
3	3rd Floor Slab (3000 Psi)	25	11	2024	6Diax12	---	13.4	28.28	37	2931	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
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



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.

8336

Dr. Qasim Khan

To: Mr. Muhammad Yaseen
Sr Project Manager, Hassan Construction Company, Contractor & Developers

Project: TCCC Manual Color Filling and Buffer Room. (Consultant: ANS Associates)

Our Ref. No. CL/CED/ 6659

Dated: 05-12-24

Test Specification

Your Ref. No. HC-CPS-04

Dated: 02-12-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 03-12-24 Tested on: 05-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	---	5	11	2024	6Diax12	---	13.4	28.28	52	4119	---	Non Engraved
2	---	5	11	2024	6Diax12	---	13.6	28.28	32	2535	---	Non Engraved
3	---	5	11	2024	6Diax12	---	13.4	28.28	26	2059	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
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)
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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.

8332

Dr. Qasim Khan

To: Engr. Farrukh Alvi

Deputy General Manager (Works), Habib Rafiq Engineering (Pvt) Ltd

Project: 101 Tower, Lahore (Columns (Level 00-01); C3B (E, F/1), C8B (F/2), C/4 (F/2), C13(E/21, F/3), C8A(E/2) and Core Wall-01 (Level 01-02) (Grid E-G))

Our Ref. No. CL/CED/ 6660

Dated: 05-12-24

Test Specification

Your Ref. No. HRLE/SKG/2024/178

Dated: 01-12-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 02-12-24 Tested on: 05-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Lab #373	3	11	2024	6Diax12	---	13.4	28.28	107	8475	---	Non Engraved
2	Lab #373	3	11	2024	6Diax12	---	13.6	28.28	105	8317	---	Non Engraved
3	Lab #373	3	11	2024	6Diax12	---	13.6	28.28	97	7683	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

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8324

Dr. Qasim Khan

To: Mr. Omair Sadiq
Project Manager, One Liberty Mall and H&S Hotel

Project: One Liberty Mall and H&S Hotel located at Noor Jehan Road, Gulberg-III, Lahore

Our Ref. No. CL/CED/ 6661

Dated: 05-12-24

Test Specification

Your Ref. No. OL/OS/2024/20

Dated: 29/11/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 29/11/2024 Tested on: 05-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Swimming Pool-Deck Slab	14	7	2024	6Diax12	---	13	28.28	63	4990	---	Non Engraved
2	Swimming Pool-Deck Slab&Steps	15	7	2024	6Diax12	---	13	28.28	65	5149	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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