



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.

3545
 Dr. Mazhar

To: Engr. Muhammad Bilal Iqbal, Project Manager
 M. Siddique Sons Building Contractor, Lahore.

Project: Al Fatah Warehouse Extension Attari, Lahore.

Our Ref. No. CL/CED/ 9302

Dated: 06/07/2022

Test Specification

Your Ref. No. Nil

Dated: 05/07/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 05/07/2022 **Tested on:** 06/07/2022 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 Slab (3000 Psi)	26	6	2022	6Diax12	---	13.6	28.28	53	4198	---	Non Engraved
2	G.F Slab (3000 Psi)	26	6	2022	6Diax12	---	12.2	28.28	25	1980	---	Non Engraved
3	G.F Slab (3000 Psi)	26	6	2022	6Diax12	---	13.2	28.28	43	3406	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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
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ORIGINAL
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3424
 Dr.Mazhar

To: (Brig. Saeed Ahmed Malik) SI (M), (R).
 Resident Engineer, H&T Engg. Division. NESPAK (Pvt) Ltd. (MCL Projects).

Project: Rehabilitation of Market and Maintenance of Gol Ground Tripple Road Shalimar Road Lahore.

Our Ref. No. CL/CED/ 9303

Dated: 06/07/2022

Test Specification

Your Ref. No. 4084/BSAM/104/657

Dated: 02/06/2022

(BS 3921**)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 13/06/2022 **Tested on:** 06/07/2022 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	S	---	---	---	8.8 x 4.3 x 3	3840	3375	37.84	53	3137	13.78	---	
2	S	---	---	---	9 x 4.2 x 3	3750	3290	37.8	41	2430	13.98	---	
3	S	---	---	---	8.9 x 4.3 x 3	3620	3210	38.27	49	2868	12.77	---	
4	S	---	---	---	9 x 4.2 x 2.9	3750	3280	37.8	37	2193	14.33	---	
5	S	---	---	---	8.9 x 4.2 x 3	3810	3330	37.38	35	2097	14.41	---	
6	S	---	---	---	8.8 x 4.3 x 3	3735	3290	37.84	41	2427	13.53	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
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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" dia x 12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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ORIGINAL
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3508
 Dr. Yousaf

To: Mr. Faisal Ali, Site Incharge
 For Ittefaq Construction Associates.

Project: Respected Faizan Liaquat Sb. (Site: 330-R, Johar Town, Lahore.)

Our Ref. No. CL/CED/ 9304

Dated: 06/07/2022

Test Specification

Your Ref. No. ICA/FLS/06

Dated: 29/06/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 29/06/2022 Tested on: 01/07/2022 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	Column	30	5	2022	6Diax12	---	14	28.28	36	2851	---	Engraved
2	Column	30	5	2022	6Diax12	---	14	28.28	47	3723	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Bilal, CNIC # 32303-1048863-1

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

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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3511
 Dr.Mazhar

To: Muhammad Nadeem Akram, Site Engineer,
 Ortho Hospital, SAB Constructions Engineers & Contractors. 96-B Hali Road, Gulberg-II, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 9305

Dated: 06/07/2022

Test Specification

Your Ref. No. SAB/ORT/LT/0001

Dated: 27/06/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 29/6/2022 **Tested on:** 06/07/2022 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	1st Floor Col. And Lifts (6000 psi)	17	5	2022	6Diax12	---	14.4	28.28	63	4990	---	Non Engraved
2	1st Floor Col. And Lifts (6000 psi)	17	5	2022	6Diax12	---	13	28.28	61	4832	---	Non Engraved
3	1st Floor Col. And Lifts (6000 psi)	17	5	2022	6Diax12	---	13	28.28	57	4515	---	Non Engraved
4	1st Floor Col. And Lifts (6000 psi)	23	5	2022	6Diax12	---	12.4	28.28	59	4673	---	Non Engraved
5	1st Floor Col. And Lifts (6000 psi)	23	5	2022	6Diax12	---	14	28.28	67	5307	---	Non Engraved
6	1st Floor Col. And Lifts (6000 psi)	23	5	2022	6Diax12	---	12.4	28.28	61	4832	---	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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Director/Dy. Director Concrete Laboratory



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3517
 Dr.Mazhar

To: ANH Developers (Pvt). Ltd.
 91 Block-B, Phase-V, DHA, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 9306

Dated: 06/07/2022

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: 01/07/2022 Tested on: 06/07/2022 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	6000 psi	27	3	2022	6Diax12	---	13.4	28.28	100	7921	---	Non Engraved
2	6000 psi	28	3	2022	6Diax12	---	14.2	28.28	130	10297	---	Non Engraved
3	6000 psi	29	3	2022	6Diax12	---	14	28.28	122	9663	---	Non Engraved
4	6000 psi	2	4	2022	6Diax12	---	14	28.28	112	8871	---	Non Engraved
5	6000 psi	8	4	2022	6Diax12	---	14	28.28	114	9030	---	Non Engraved
6	4500 Psi	22	4	2022	6Diax12	---	13.8	28.28	96	7604	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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3509
 Dr.Mazhar

To: (Sh. Muhammad Tariq)
 Engineer REC, (Contractor; M/S Muhammad Ashfaq Ch & Sons Pvt. Ltd.)

Project: Construction of Extension Block (The Help Care Society) TAC School Johar Town Lahore.

Our Ref. No. CL/CED/ 9307

Dated: 06/07/2022

Test Specification

Your Ref. No. JTC EXT-25

Dated: 28/6/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **29/6/2022** Tested on: **06/07/2022** 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 3rd Floor Slab	31	5	2022	6Diax12	---	13	28.28	63	4990	---	Non Engraved
2	RCC 3rd Floor Slab	31	5	2022	6Diax12	---	13.4	28.28	53	4198	---	Non Engraved
3	RCC 3rd Floor Slab	31	5	2022	6Diax12	---	13.2	28.28	57	4515	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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ORIGINAL
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3506
 Dr.Mazhar

To: Engr. Mustafa Ali
 Sr. Manager Coordination. Dream Builders.

Project: Construction of Apartment Building at 32-P, Model Town Extension, Lahore.

Our Ref. No. CL/CED/ 9308

Dated: 06/07/2022

Test Specification

Your Ref. No. DB/CONST-32P/22/628

Dated: 28/06/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **29/6/2022** Tested on: **06/07/2022** 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	---	31	5	2022	6Diax12	---	13.2	28.28	77	6099	---	Non Engraved
2	---	31	5	2022	6Diax12	---	14	28.28	83	6574	---	Non Engraved
3	---	31	5	2022	6Diax12	---	13.4	28.28	77	6099	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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Director/Dy. Director Concrete Laboratory



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3507
 Dr. Mazhar

To: Sub Divisional Officer
 Buildings Sub Division No. 06 Lahore

Project: Construction of New Office Block of Commissioner Office Lahore ADP No. 5634 For the Year 2021-22.

Our Ref. No. CL/CED/ 9309

Dated: 06/07/2022

Test Specification

Your Ref. No. 686/Sd-6

Dated: 22/6/2022

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 29/06/2022 **Tested on:** 06/07/2022 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	98	---	---	---	8.7 x 4.3 x 3	---	3625	37.41	57	3413	---	---	
2	98	---	---	---	8.8 x 4.3 x 3	---	3630	37.84	53	3137	---	---	
3	98	---	---	---	8.7 x 4.3 x 3	---	3415	37.41	77	4611	---	---	
4	98	---	---	---	8.7 x 4.2 x 3	---	3555	36.54	57	3494	---	---	
5	98	---	---	---	8.7 x 4.3 x 3	---	3515	37.41	67	4012	---	---	
6	98	---	---	---	8.8 x 4.3 x 3	---	3440	37.84	67	3966	---	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
8	---	---	---	---	---	---	---	---	---	---	---	---	
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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
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- **** 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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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.

3498
 Dr. Mazhar

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

Project: (TCF Secondary School at UC#59 Ramdas Thatta Ghulab Singh Kamokey, Gujranwala).

Our Ref. No. CL/CED/ 9310

Dated: 06/07/2022

Test Specification

Your Ref. No. PCS/22/Eng-62-A

Dated: 27/6/2022

(---)

COMPRESSION TEST REPORT



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

Specimens received on: 27/06/2022 Tested on: 06/07/2022 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	NII	---	---	---	8.8 x 4.2 x 2.8	---	2995	36.96	33	2000	---	---
2	NII	---	---	---	8.7 x 4.1 x 2.8	---	2900	35.67	33	2072	---	---
3	NII	---	---	---	8.7 x 4.1 x 2.9	---	3010	35.67	30	1884	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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Note: Above results pertain to the unsealed samples supplied to the laboratory

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Our Ref. No. CL/CED/ 9311

Dated: 06/07/2022

Test Specification

Your Ref. No. PCS/22/Eng-62

Dated: 27/6/2022

(---)

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	NII	---	---	---	8.7 x 4.1 x 2.8	---	2945	35.67	31	1947	---	---
2	NII	---	---	---	8.6 x 4.2 x 2.8	---	2830	36.12	25	1550	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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