



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.

2404
 Dr. Mazhar Saleem

To: Mr. Muhammad Asif (Lt. Col. Retd.), Site Administrator
 Bismillah Housing Society Phase- II, Mustafa Abad (Laliani), Lahore

Project: Plaza # 50 Wall

Our Ref. No. CL/CED/ 6631

Dated: 13-12-21

Test Specification

Your Ref. No. Nil

Dated: 07-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 08-12-21 **Tested on:** 13-12-21 **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	4000 Psi	18	11	2021	6Diax12	---	13.2	28.28	71	5624	---	Non Engraved
2	4000 Psi	18	11	2021	6Diax12	---	14.2	28.28	61	4832	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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



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Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL
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2404
 Dr. Mazhar Saleem

To: Mr. Muhammad Asif (Lt. Col. Retd.), Site Administrator
 Bismillah Housing Society Phase- II, Mustafa Abad (Laliani), Lahore

Project: Head Office Mezzanine Slab

Our Ref. No. CL/CED/ 6632

Dated: 13-12-21

Test Specification

Your Ref. No. Nil

Dated: 07-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 08-12-21 **Tested on:** 13-12-21 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	1	12	2021	6Diax12	---	14	28.28	69	5465	---	Non Engraved
2	3000 Psi	1	12	2021	6Diax12	---	13.6	28.28	44	3485	---	Non Engraved
3	3000 Psi	1	12	2021	6Diax12	---	14.4	28.28	65	5149	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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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ORIGINAL
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2407
 Dr. M. Yousaf

To: Mr. Altaf Hussain, M.E
 A S Enterprises. (Consultant: AA Associates).
 Project: Style Textile Mill Raiwind Road (65 Chak).
 Our Ref. No. CL/CED/ 6633
 Your Ref. No. ASE/06

Dated: 13-12-21
 Dated: 08-12-21

Test Specification
 (BS 1881-116)



ONLINE REPORT

COMPRESSION TEST 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	Lab # 490	10	11	2021	6x6x6	---	8.2	36	84	5227	---	Non Engraved
2	Lab # 490	10	11	2021	6x6x6	---	8	36	73	4542	---	Non Engraved
3	Lab # 490	10	11	2021	6x6x6	---	8.2	36	97	6036	---	Non Engraved
4	Lab # 491	10	11	2021	6x6x6	---	8.2	36	50	3111	---	Non Engraved
5	Lab # 491	10	11	2021	6x6x6	---	8.2	36	84	5227	---	Non Engraved
6	Lab # 491	10	11	2021	6x6x6	---	8	36	63	3920	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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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2376
Dr. M. Yousaf

To: Syed Zahid Hussain Naqvi, Resident Engineer
AZ Engineering Associates, Gujrat. Contractor: M/S Tayyab Manzoor Tarrar (TMT).

Project: Dualization of Road from GT Road (SAMMA) to Gujrat Dinga Road I/C Gujrat Flyover L=31 Kms in
Distt. Gujrat. (Group No.III, Km No. 17.53 to 31.03 Including 2No. Small Bridges wit Approaches, L=13.50 Km)
Our Ref. No. CL/CED/ 6634 Dated: 13-12-21

Your Ref. No. RE AZEA/GT-276

Dated: 02-12-21

Test Specification
(BS 3921**)



ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 03-12-21 Tested on: 10-12-21 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	Machine Made Double Line	---	---	---	8.8 x 4.1 x 2.8	3449	3095	36.08	50	3104	11.44	---
2	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.7	3495	3155	36.54	48	2943	10.78	---
3	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.7	3275	2945	36.54	50	3065	11.21	---
4	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.8	3505	3185	36.54	48	2943	10.05	---
5	Machine Made Double Line	---	---	---	8.7 x 4.3 x 2.7	3395	3055	37.41	48	2874	11.13	---
6	Machine Made Double Line	---	---	---	8.6 x 4.3 x 2.8	3645	3310	36.98	43	2605	10.12	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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
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2329
Dr. M. Yousaf

To: (Brig. Saeed Ahmed Malik) SI (M), (R.), (Resident Engineer)
NESPAK (Pvt.) Ltd. H&T Engg. Division. Metropolitan Corporation Lahore (MCL Projects)
Project: 1. Construction of Nallah and PCC Main Road Fareed Town Azra Naheed College Araiyan Lahore. 2
Construction of Main Sharif Pura Road and Bhaini Under Pass Near Ring Road, Lahore.
Our Ref. No. CL/CED/ 6635 Dated: 13-12-21
Your Ref. No. 4084/BSAM/104/01/553 Dated: 16-11-21

Test Specification
(BS 3921**)



ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 25-11-21 Tested on: 10-12-21 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	MF	---	---	---	8.7 x 4.1 x 2.9	3280	2930	35.67	51	3203	11.95	---
2	MF	---	---	---	8.8 x 4.2 x 2.8	3390	3050	36.96	43	2606	11.15	---
3	MF	---	---	---	8.7 x 4.1 x 2.8	3260	2945	35.67	53	3328	10.7	---
4	MF	---	---	---	8.7 x 4.2 x 2.9	3325	2975	36.54	50	3065	11.76	---
5	MF	---	---	---	8.8 x 4.2 x 2.8	3370	3025	36.96	48	2909	11.4	---
6	MF	---	---	---	8.8 x 4.1 x 2.9	3275	2960	36.08	58	3601	10.64	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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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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2305
 Dr. M. Yousaf

To: (Engr. Tariq Hasan), Deputy Director (Works)
 Mines Labour Welfare Organization, Punjab, Lahore.

Project: Construction of 01 Residence for Doctor of Mines Labour Welfare Hospital, Khushab.

Our Ref. No. CL/CED/ 6636

Dated: 13-12-21

Test Specification

Your Ref. No. MLW/C.E/MT/50/17/10140

Dated: 19-11-21

(---)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 22-11-21 **Tested on:** 10-12-21 **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	111	---	---	---	8.6 x 4.3 x 2.6	3075	2765	36.98	45	2726	11.21	---
2	111	---	---	---	8.8 x 4.3 x 2.7	3230	2905	37.84	46	2723	11.19	---
3	111	---	---	---	8.8 x 4.3 x 2.6	3065	2760	37.84	40	2368	11.05	---
4	111	---	---	---	8.7 x 4.3 x 2.7	2985	2690	37.41	63	3772	10.97	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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2415
 Dr. Mazhar Saleem

To: Engr. Zaheer ud din Babar, Deputy General Manager Projects
 For Habib Rafiq Engineering (Pvt) Ltd.

Project: Construction of Sky Gardens Tower, Lahore.

Our Ref. No. CL/CED/ 6637

Dated: 13-12-21

Test Specification

Your Ref. No. HRLE/SKG/2021/053

Dated: 08-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 10-12-21 **Tested on:** 13-12-21 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	Trail No.59, (5000 Psi)	12	11	2021	6Diax12	---	14	28.28	85	6733	---	Non Engraved
2	Trail No.59, (5000 Psi)	12	11	2021	6Diax12	---	14	28.28	81	6416	---	Non Engraved
3	Trail No.59, (5000 Psi)	12	11	2021	6Diax12	---	13.2	28.28	81	6416	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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
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Director/Dy. Director Concrete Laboratory



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2415
 Dr. Mazhar Saleem

To: Engr. Zaheer ud Din Babar, Deputy General Manager Projects
 For Habib Rafiq Engineering (Pvt.) Ltd.

Project: Construction of Sky Gardens Tower, Lahore.

Our Ref. No. CL/CED/ 6638

Dated: 13-12-21

Test Specification

Your Ref. No. HRLE/SKG/2021/054

Dated: 08-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 10-12-21 **Tested on:** 13-12-21 **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	Trail No.60, (5000 Psi)	12	11	2021	6Diax12	---	13.2	28.28	81	6416	---	Non Engraved
2	Trail No.60, (5000 Psi)	12	11	2021	6Diax12	---	13.6	28.28	77	6099	---	Non Engraved
3	Trail No.60, (5000 Psi)	12	11	2021	6Diax12	---	13.2	28.28	86	6812	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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.

2415
 Dr. Mazhar Saleem

To: Engr. Zaheer ud din Babar, Deputy General Manager Projects
 For Habib Rafiq Engineering (Pvt.) Ltd.

Project: Construction of Sky Gardens Tower, Lahore.

Our Ref. No. CL/CED/ 6639

Dated: 13-12-21

Test Specification

Your Ref. No. HRLE/SKG/2021/055

Dated: 08-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 10-12-21 **Tested on:** 13-12-21 **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	Trail No. 61, (5000 Psi)	12	11	21	6Diax12	---	14	28.28	104	8238	---	Non Engraved
2	Trail No. 61, (5000 Psi)	12	11	21	6Diax12	---	14	28.28	88	6970	---	Non Engraved
3	Trail No. 61, (5000 Psi)	12	11	21	6Diax12	---	13.6	28.28	98	7762	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * as engraved on the specimens (if any)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory