



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.

2285
 Dr. Mazhar

To: (Mr. Sami Ullah), Resident Engineer
 Fazaia Housing Scheme Gujranwala.

Project: Infrastruture Development Works at Fazaia Housing Scheme Gujranwala (Sector-A).

Our Ref. No. CL/CED/ 6578

Dated: 07-12-21

Test Specification

Your Ref. No. FHSG/PMO/6015/5/4/Dev

Dated: 26-10-21

(BS 3921**)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 18-11-21 **Tested on:** 06-12-21 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	AT	---	---	---	8.7 x 4.3 x 2.7	3170	2765	37.41	51	3054	14.65	---
2	AT	---	---	---	8.8 x 4.3 x 2.7	3235	2770	37.84	47	2782	16.79	---
3	AT	---	---	---	8.8 x 4.3 x 2.7	3205	2785	37.84	59	3493	15.08	---
4	AT	---	---	---	8.7 x 4.3 x 2.7	3085	2645	37.41	53	3173	16.64	---
5	AT	---	---	---	8.7 x 4.3 x 2.8	3460	2950	37.41	45	2694	17.29	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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

- 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
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2355
Engr. Ubaid

To: Lt Col (Ubaid Ur Rehman, Retd)
SPM (JV) PEC Bldg Proj. NLC Engineers-Tijaarat Developers (JV).
Project: Construction of PEC Regional Office, Lahore. (5th Floor Slab Part-2, 5th to 6th Floor Columns and Stair # 4 2nd to 3rd Floor.)
Our Ref. No. CL/CED/ 6579
Your Ref. No. 901/NLC-TD(JV)/PEC/433

Dated: 07-12-21
Dated: 30-11-21

Test Specification
(ASTM C39)



ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 30-11-21 Tested on: 02-12-21 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	1349	26	10	2021	6Diax12	---	12.8	28.28	54	4277	---	Non Engraved
2	1353	26	10	2021	6Diax12	---	13	28.28	82	6495	---	Non Engraved
3	1355	26	10	2021	6Diax12	---	13	28.28	71	5624	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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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Director/Dy. Director Concrete Laboratory



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2355
 Engr. Ubaid

To: Lt Col (Ubaid Ur Rehman, Retd)
 SPM (JV) PEC Bldg Proj. NLC Engineers-Tijaarat Developers (JV).

Project: Construction of PEC Regional Office, Lahore. (5th to 6th Floor Columns, Lift Wall and 2nd Floor.).

Our Ref. No. CL/CED/ 6580

Dated: 07-12-21

Test Specification

Your Ref. No. 901/NLC-TD(JV)/PEC/434

Dated: 30-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 30-11-21 **Tested on:** 02-12-21 **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	1361	30	10	2021	6Diax12	---	13	28.28	73	5782	---	Non Engraved
2	1364	30	10	2021	6Diax12	---	13	28.28	68	5386	---	Non Engraved
3	1369	30	10	2021	6Diax12	---	13	28.28	61	4832	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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
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2358
Engr. Ubaid

To: Mr. Muhammad Khalid Zaman, Resident Engineer
Engineering Consultancy Services Punjab (Pvt) Ltd. (Contractor M/s KSB Pumps Company Ltd.)
Project: Construction Installation of Water Filtration Plants and Direct Supply in Faisalabad Division (689 GB Toba Tek Singh).
Our Ref. No. CL/CED/ 6581 Dated: 07-12-21
Your Ref. No. ECSP/PAPA/CZ-FSD-60 Dated: 26-11-21

Test Specification
(ASTM C39)



ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 01-12-21 Tested on: 02-12-21 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	---	20	10	2021	6Diax12	---	13	28.28	69	5465	---	Non Engraved
2	---	20	10	2021	6Diax12	---	13.2	28.28	45	3564	---	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/>

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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2358
Engr. Ubaid

To: Mr. Muhammad Khalid Zaman, Resident Engineer
Engineering Consultancy Services Punjab (Pvt) Ltd. (Contractor M/s KSB Pumps Company Ltd.)
Project: Construction Installation of Water Filtration Plants and Direct Supply in Faisalabad Division (93 GB Toba Tek Singh).
Our Ref. No. CL/CED/ 6582 Dated: 07-12-21
Your Ref. No. ECSP/PAPA/CZ-FSD-58 Dated: 26-11-21

Test Specification
(ASTM C39)



ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 01-12-21 Tested on: 02-12-21 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	---	23	10	2021	6Diax12	---	13.2	28.28	53	4198	---	Non Engraved
2	---	23	10	2021	6Diax12	---	13.6	28.28	57	4515	---	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-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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Engr. Ubaid

To: Mr. Muhammad Khalid Zaman, Resident Engineer
Engineering Consultancy Services Punjab (Pvt) Ltd. (Contractor M/s KSB Pumps Company Ltd.)
Project: Construction Installation of Water Filtration Plants and Direct Supply in Faisalabad Division (300 JB Toba Tek Singh).
Our Ref. No. CL/CED/ 6583 Dated: 07-12-21
Your Ref. No. ECSP/PAPA/CZ-FSD-57 Dated: 26-11-21

Test Specification
(ASTM C39)



ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 01-12-21 Tested on: 02-12-21 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	---	14	10	2021	6Diax12	---	14	28.28	64	5069	---	Non Engraved
2	---	14	10	2021	6Diax12	---	13.6	28.28	59	4673	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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Engr. Ubaid

To: Mr. Muhammad Khalid Zaman, Resident Engineer
Engineering Consultancy Services Punjab (Pvt) Ltd. (Contractor M/s KSB Pumps Company Ltd.)
Project: Construction Installation of Water Filtration Plants and Direct Supply in Faisalabad Division (187 GB Toba Tek Singh).
Our Ref. No. CL/CED/ 6584 Dated: 07-12-21
Your Ref. No. ECSP/PAPA/CZ-FSD-59 Dated: 26-11-21

Test Specification
(ASTM C39)



ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 01-12-21 Tested on: 02-12-21 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	---	29	10	2021	6Diax12	---	14	28.28	55	4356	---	Non Engraved
2	---	29	10	2021	6Diax12	---	13	28.28	56	4436	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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
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2343
 Dr. Mazhar

To: Deputy Director, Engg.
 Sec I&II, Package-I, LOLMTP, LDA, Lahore. (M/s IBM Construction Co).

Project: Construction of TMA Office, Shalamar Town, Lahore Orange Line Metro Train Project (Package-I).

Our Ref. No. CL/CED/ 6585

Dated: 07-12-21

Test Specification

Your Ref. No. DD/PKG-I/LOLMTP/LDA/84

Dated: 25-10-21

(BS 3921**)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 30-11-21 **Tested on:** 06-12-21 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	Gutka Brick	---	---	---	9 x 2.2 x 2.1	---	1235	19.8	23	2602	---	---
2	Gutka Brick	---	---	---	8.9 x 2.2 x 2.1	---	1260	19.58	27	3089	---	---
3	Gutka Brick	---	---	---	9 x 2.2 x 2.1	---	1270	19.8	20	2263	---	---
4	Gutka Brick	---	---	---	8.9 x 2.2 x 2.1	---	1215	19.58	22	2517	---	---
5	Gutka Brick	---	---	---	9 x 2.2 x 2.2	---	1220	19.8	34	3846	---	---
6	Gutka Brick	---	---	---	9 x 2.2 x 2.1	---	1235	19.8	19	2149	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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

- 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.

2356
Dr. Aqsa

To: Mr. Muhammad Shahid
Blue Land

Project: Nill

Our Ref. No. CL/CED/ 6586

Dated: 07-12-21

Test Specification

Your Ref. No. Nill

Dated: 30-11-21

(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	3000 Psi	13	11	2021	6Diax12	---	13.2	28.28	10	792	---	Non Engraved
2	3000 Psi	13	11	2021	6Diax12	---	13.4	28.28	13	1030	---	Non Engraved
3	3000 Psi	13	11	2021	6Diax12	---	13	29.28	41	3137	---	
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

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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.

2369
 Dr. Aqsa

To: Mr. Muhammad Ahsan, Project Manager
 Baig Construction, Lahore.

Project: Construction of Sitara Icon Tower Samna bad Faisalabad. (Piles Concrete)

Our Ref. No. CL/CED/ 6587 1 of 2

Dated: 07-12-21

Test Specification

Your Ref. No. CBT/UET/01

Dated: 02-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 02-12-21 **Tested on:** 07-12-21 **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	L-P 18 (4000 Psi)	26	10	2021	6Diax12	---	14	28.28	69	5465	---	Non Engraved
2	L-P 18 (4000 Psi)	26	10	2021	6Diax12	---	13.4	28.28	68	5386	---	Non Engraved
3	L-P 18 (4000 Psi)	26	10	2021	6Diax12	---	13.8	28.28	76	6020	---	Non Engraved
4	L-P 52 (4000 Psi)	27	10	2021	6Diax12	---	14	28.28	85	6733	---	Non Engraved
5	L-P 52 (4000 Psi)	27	10	2021	6Diax12	---	13	28.28	65	5149	---	Non Engraved
6	L-P 52 (4000 Psi)	27	10	2021	6Diax12	---	13.6	28.28	71	5624	---	Non Engraved
7	1 (4000 Psi)	28	10	2021	6Diax12	---	14	28.28	83	6574	---	Non Engraved
8	2 (4000 Psi)	28	10	2021	6Diax12	---	13.6	28.28	81	6416	---	Non Engraved
9	3 (4000 Psi)	28	10	2021	6Diax12	---	13.8	28.28	80	6337	---	Non Engraved
10	P-L50(4000 Psi)	30	10	2021	6Diax12	---	13.4	28.28	83	6574	---	Non Engraved
11	P-L58(4000 Psi)	30	10	2021	6Diax12	---	13.4	28.28	80	6337	---	Non Engraved
12	LB9 (4000 Psi)	30	10	2021	6Diax12	---	13.8	28.28	66	5228	---	Non Engraved
13	1 (4000 Psi)	31	10	2021	6Diax12	---	13.4	28.28	73	5782	---	Non Engraved
14	2 (4000 Psi)	31	10	2021	6Diax12	---	13.6	28.28	77	6099	---	Non Engraved
15	3 (4000 Psi)	31	10	2021	6Diax12	---	13.2	28.28	84	6653	---	Non Engraved
16	1 (4000 Psi)	1	11	2021	6Diax12	---	13.4	28.28	56	4436	---	Non Engraved

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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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2369
 Dr. Aqsa

To: Mr. Muhammad Ahsan, Project Manager
 Baig Construction, Lahore.

Project: Construction of Sitara Icon Tower Samna bad Faisalabad. (Piles Concrete).

Our Ref. No. CL/CED/ 6587 2 of 2

Dated: 07-12-21

Test Specification

Your Ref. No. CBT/UE/T/01

Dated: 02-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 02-12-21 **Tested on:** 07-12-21 **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	2 (4000 Psi)	1	11	2021	6Diax12	---	13.6	28.28	71	5624	---	Non Engraved
2	3 (4000 Psi)	1	11	2021	6Diax12	---	13.4	28.28	76	6020	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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



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.

2357
 Engr. Ubaid

To: Q-Links Property Management Pvt.Ltd.
 Project Manager

Project: Orchard Mall, Bahria Town, Lahore.

Our Ref. No. CL/CED/ 6588

Dated: 07-12-21

Test Specification

Your Ref. No. QLC-BO-BH2-2021-097

Dated: 26-11-21

(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	3rd F. Grid 24-31 Slab (3000 Psi)	27	10	2021	6Diax12	---	13.2	28.28	35	2772	---	Non Engraved
2	3rd F. Grid 24-31 Slab (3000 Psi)	27	10	2021	6Diax12	---	13	28.28	29	2297	---	Non Engraved
3	3rd F. Grid 24-31 Slab (3000 Psi)	27	10	2021	6Diax12	---	13	29.28	34	2601	---	Non Engraved
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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
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 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

2375
 Dr. Mazhar

To: Engr. Zaheer ud din Babar, Deputy General Manager Projects
 Habib Rafiq Engineering (Pvt.) Limited Gulberg-II, Lahore.

Project: Construction of Sky Gardens Tower, Lahore. (Trial No.53)

Our Ref. No. CL/CED/ 6589

Dated: 07-12-21

Test Specification

Your Ref. No. HRLE/SKG/2021/045

Dated: 03-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 03-12-21 **Tested on:** 06-12-21 **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, Piling	6	11	2021	6Diax12	---	14	28.28	71	5624	---	Non Engraved
2	4000 Psi, Piling	6	11	2021	6Diax12	---	13.8	28.28	67	5307	---	Non Engraved
3	4000 Psi, Piling	6	11	2021	6Diax12	---	13.2	29.28	75	5738	---	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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Note: Above results pertain to the unsealed samples supplied to the laboratory

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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2375
 Dr. Mazhar

To: Engr. Zaheer ud din Babar, Deputy General Manager Projects
 Habib Rafiq Engineering (Pvt.) Limited Gulberg-II, Lahore.

Project: Construction of Sky Gardens Tower, Lahore. (Trial No.54)

Our Ref. No. CL/CED/ 6590

Dated: 07-12-21

Test Specification

Your Ref. No. HRLE/SKG/2021/046

Dated: 03-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 03-12-21 **Tested on:** 06-12-21 **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, Piling	6	11	2021	6Diax12	---	14	28.28	90	7129	---	Non Engraved
2	4000 Psi, Piling	6	11	2021	6Diax12	---	14	28.28	90	7129	---	Non Engraved
3	4000 Psi, Piling	6	11	2021	6Diax12	---	14	29.28	86	6579	---	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
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Civil Engineering Department
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 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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2375
 Dr. Mazhar

To: Engr. Zaheer ud din Babar, Deputy General Manager Projects
 Habib Rafiq Engineering (Pvt.) Limited Gulberg-II, Lahore.

Project: Construction of Sky Gardens Tower, Lahore. (Trial No.55)

Our Ref. No. CL/CED/ 6591

Dated: 07-12-21

Test Specification

Your Ref. No. HRLE/SKG/2021/047

Dated: 03-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 03-12-21 **Tested on:** 06-12-21 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, Piling	6	11	2021	6Diax12	---	14	28.28	88	6970	---	Non Engraved
2	4000 Psi, Piling	6	11	2021	6Diax12	---	14	28.28	77	6099	---	Non Engraved
3	4000 Psi, Piling	6	11	2021	6Diax12	---	14	29.28	81	6197	---	Non Engraved
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)
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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

- 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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 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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2364
Dr. Aqsa

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

Project: Allied Bank PIA Employees Society Lahore

Our Ref. No. CL/CED/ 6592

Dated: 07-12-21

Test Specification

Your Ref. No. PCS/21/Eng-132-A

Dated: 01-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 01-12-21 **Tested on:** 07-12-21 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	(1:2:4) G.F Slab	3	11	2021	6Diax12	---	13	28.28	33	2614	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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)
- ** 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.

2364
 Dr. Aqsa

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

Project: Allied Bank PIA Employees Society Lahore

Our Ref. No. CL/CED/ 6593

Dated: 07-12-21

Test Specification

Your Ref. No. PCS/21/Eng-132-C

Dated: 01-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 01-12-21 **Tested on:** 07-12-21 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	(1:2:4) G.F Slab	3	11	2021	6Diax12	---	13	28.28	34	2693	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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)
- ** 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.

2364
 Dr. Aqsa

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

Project: Allied Bank PIA Employees Society Lahore

Our Ref. No. CL/CED/ 6594

Dated: 07-12-21

Test Specification

Your Ref. No. PCS/21/Eng-132-B

Dated: 01-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 01-12-21 **Tested on:** 07-12-21 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	(1:2:4) G.F Slab	3	11	2021	6Diax12	---	13	28.28	37	2931	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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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.

2393&2394
 Engr. Ubaid

To: Mr. Babar Ali, Construction Manager
 Guarantee Engineers (Pvt.) Ltd.

Project: Beaconhouse School System TNS 2.0 Gulberg-iii, Lahore.

Our Ref. No. CL/CED/ 6595

Dated: 07-12-21

Test Specification

Your Ref. No. GEPL/TNS2/01/2021

Dated: 06-12-21

(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	5000 Psi	29	11	2021	6Diax12	---	14	28.28	71	5624	---	Non Engraved
2	5000 Psi	29	11	2021	6Diax12	---	14	28.28	72	5703	---	Non Engraved
3	5000 Psi	29	11	2021	6Diax12	---	14	28.28	73	5782	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Tanveer Ahmad, (CNIC # 33105-3442117-1)

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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Director/Dy. Director Concrete Laboratory



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Civil Engineering Department
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 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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2393&2394
 Engr. Ubaid

To: Mr. Babar Ali, Construction Manager
 Guarantee Engineers (Pvt.) Ltd.

Project: Beaconhouse School System TNS 2.0 Gulberg-iii, Lahore.

Our Ref. No. CL/CED/ 6596

Dated: 07-12-21

Test Specification

Your Ref. No. GEPL/TNS2/01/2021

Dated: 06-12-21

(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	4000 Psi	29	11	2021	6Diax12	---	14	28.28	61	4832	---	Non Engraved
2	4000 Psi	29	11	2021	6Diax12	---	14	28.28	61	4832	---	Non Engraved
3	4000 Psi	29	11	2021	6Diax12	---	14.4	28.28	59	4673	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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9	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Tanveer Ahmad, (CNIC # 33105-3442117-1)

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Director/Dy. Director Concrete Laboratory