



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.

4038
 Dr. Mazhar

To: Mr. Arif Siddique
 Ideal Construction Service.

Project: FMH Tower Lahore.

Our Ref. No. CL/CED/ 37

Dated: 12-10-22

Test Specification

Your Ref. No. ICS/786/450

Dated: 11-10-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-10-22 Tested on: 12-10-22 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	10	2022	6Diax12	---	13.8	28.28	59	4673	---	Non Engraved
2	---	2	10	2022	6Diax12	---	13.4	28.28	51	4040	---	Non Engraved
3	---	2	10	2022	6Diax12	---	13.8	28.28	53	4198	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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"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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4034
 Dr. Mazhar

To: Engr. Muhammad Awais Iqbal, Project Manager
 Elite Engineering Pvt. Ltd.

Project: Shell Filling Station Askari XI, Lahore.

Our Ref. No. CL/CED/ 38

Dated: 12-10-22

Test Specification

Your Ref. No. Nil

Dated: 11-10-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-10-22 **Tested on:** 12-10-22 **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	Main Bldg.Footing RCC(3000Psi)	28	9	2022	6Diax12	---	13	28.28	37	2931	---	Non Engraved
2	Main Bldg.Footing RCC(3000Psi)	28	9	2022	6Diax12	---	13.4	28.28	39	3089	---	Non Engraved
3	Main Bldg.Footing RCC(3000Psi)	28	9	2022	6Diax12	---	13	28.28	39	3089	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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4028
 Dr. Mazhar

To: Chief Executive Officer
 Al FAAZ Engineering (Pvt.) Ltd.

Project: Renovation and Construction works at Compost Plant

Our Ref. No. CL/CED/ 39

Dated: 12-10-22

Test Specification

Your Ref. No. Nil

Dated: 10-10-22

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **10-10-22** Tested on: **12-10-22** 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	9	2022	6x6x6	---	8	36	37	2302	---	Non Engraved	
2	---	20	9	2022	6x6x6	---	8	36	41	2551	---	Non Engraved	
3	---	---	---	---	---	---	---	---	---	---	---	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
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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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4035
 Dr. Mazhar

To: Engr. Muhammad Awais Iqbal, Project Manager
 Elite Engineering Pvt. Limited

Project: Shell Filling Station Askari XI Lahore.

Our Ref. No. CL/CED/ 40

Dated: 12-10-22

Test Specification

Your Ref. No. Nil

Dated: 11-10-22

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **11-10-22** Tested on: **12-10-22** 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	Foundation Bed Front Side	13	9	2022	6x6x6	---	8.6	36	25	1556	---	Non Engraved
2	Foundation Bed Front Side	13	9	2022	6x6x6	---	8.2	36	25	1556	---	Non Engraved
3	Foundation Bed Front Side	13	9	2022	6x6x6	---	8.6	36	25	1556	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Director/Dy. Director Concrete Laboratory



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4020
 Dr. Mazhar

To: Sub Divisional Officer
 Buildings Sub Division No. 16, Lahore

Project: Construction of Police Station Hanjarwal, District Lahore

Our Ref. No. CL/CED/ 41

Dated: 12-10-22

Test Specification

Your Ref. No. 202/16th

Dated: 28/05/2022

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 07-10-22 Tested on: 12-10-22 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	Columns	22	5	2022	6x6x6	---	8.2	36	88	5476	---	Non Engraved
2	Columns	22	5	2022	6x6x6	---	8.4	36	98	6098	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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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ORIGINAL
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4020
 Dr. Mazhar

To: Sub Divisional Officer
 Buildings Sub Division No. 16, Lahore

Project: Construction of Police Station Hanjarwal, District Lahore

Our Ref. No. CL/CED/ 42

Dated: 12-10-22

Test Specification

Your Ref. No. 191/16th

Dated: 24/05/2022

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 07-10-22 Tested on: 12-10-22 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	Raft/Strip	18	5	2022	6x6x6	---	8.2	36	65	4044	---	Non Engraved
2	Raft/Strip	18	5	2022	6x6x6	---	8	36	81	5040	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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4020
 Dr. Mazhar

To: Sub Divisional Officer
 Buildings Sub Division No. 16, Lahore

Project: Construction of Police Station Hanjarwal, District Lahore

Our Ref. No. CL/CED/ 43

Dated: 12-10-22

Test Specification

Your Ref. No. 208/16th

Dated: 30-05-22

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **07-10-22** Tested on: **12-10-22** 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	Slab Beams	24	5	2022	6x6x6	---	8.6	36	71	4418	---	Non Engraved
2	Slab Beams	24	5	2022	6x6x6	---	8.4	36	90	5600	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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4029
 Dr. Mazhar

To: Mr. Rao Imran
 Project Manager, Astral Constructors (Pvt.) Ltd.

Project: Construction of McDonald, Etihad Town Lahore

Our Ref. No. CL/CED/ 44

Dated: 12-10-22

Test Specification

Your Ref. No. AST/MCD//08.1

Dated: 08-10-22

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10-10-22 Tested on: 12-10-22 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	Wall Concrete (4000 Psi)	19	9	2022	6Diax12	---	13.6	28.28	51	4040	---	Non Engraved
2	Wall Concrete (4000 Psi)	19	9	2022	6Diax12	---	13.4	28.28	53	4198	---	Non Engraved
3	Wall Concrete (4000 Psi)	19	9	2022	6Diax12	---	14	28.28	55	4356	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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.

4029
 Dr. Mazhar

To: Mr. Rao Imran
 Project Manager, Astral Constructors (Pvt.) Ltd.

Project: Construction of McDonald, Etihad Town Lahore.

Our Ref. No. CL/CED/ 45

Dated: 12-10-22

Test Specification

Your Ref. No. AST/MCD/04

Dated: 26-09-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 10-10-22 Tested on: 12-10-22 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Plinth Beam (3000 Psi)	26	9	2022	6Diax12	---	13.2	28.28	51	4040	---	Non Engraved
2	Plinth Beam (3000 Psi)	26	9	2022	6Diax12	---	14	28.28	49	3881	---	Non Engraved
3	Plinth Beam (3000 Psi)	26	9	2022	6Diax12	---	13.8	28.28	39	3089	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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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.

4007
 Dr. Mazhar

To: Mr. Haroon Rashid, Site Supervisor
 Pakistan Rangers (Punjab)

Project: Construction of OPD Block at HQ Pakistan Rangers (Punjab).

Our Ref. No. CL/CED/ 46

Dated: 12-10-22

Test Specification

Your Ref. No. 2231/Works/1610

Dated: 21/9/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **05-10-22** Tested on: **12-10-22** 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 Column Footing	21	9	2022	6Diax12	---	13.8	28.28	29	2297	---	Non Engraved
2	RCC Column Footing	21	9	2022	6Diax12	---	13	28.28	57	4515	---	Non Engraved
3	RCC Column Footing	21	9	2022	6Diax12	---	13.8	28.28	25	1980	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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"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.

3996
 Dr. Mazhar

To: Mr. Muhammad Irfan
 Material Engineer, for Banu Mukhtar Contracting (Pvt) Ltd.

Project: Burj-1 by AJWA Builders

Our Ref. No. CL/CED/ 47

Dated: 12-10-22

Test Specification

Your Ref. No. DOC-BMC/AJWA/012

Dated: 04-10-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 04-10-22 Tested on: 12-10-22 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	Trial No. 1 (4000 Psi)	31	8	2022	6Diax12	---	12.8	28.28	43	3406	---	Non Engraved
2	Trial No. 1 (4000 Psi)	31	8	2022	6Diax12	---	13	28.28	43	3406	---	Non Engraved
3	Trial No. 1 (4000 Psi)	31	8	2022	6Diax12	---	13.2	28.28	45	3564	---	Non Engraved
4	Trial No. 2 (4000 Psi)	31	8	2022	6Diax12	---	13.2	28.28	55	4356	---	Non Engraved
5	Trial No. 2 (4000 Psi)	31	8	2022	6Diax12	---	13.2	28.28	55	4356	---	Non Engraved
6	Trial No. 2 (4000 Psi)	31	8	2022	6Diax12	---	13.2	28.28	54	4277	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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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"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
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ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

3996
 Dr. Mazhar

To: Mr. Muhammad Irfan
 Material Engineer, for Banu Mukhtar Contracting (Pvt) Ltd.

Project: Burj-1 by AJWA Builders

Our Ref. No. CL/CED/ 48

Dated: 12-10-22

Test Specification

Your Ref. No. DOC-BMC/AJWA/013

Dated: 04-10-22

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **04-10-22** Tested on: **12-10-22** 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	Trial No. 1 (6000 Psi)	1	9	2022	6Diax12	---	13.2	28.28	67	5307	---	Non Engraved
2	Trial No. 1 (6000 Psi)	1	9	2022	6Diax12	---	13.4	28.28	65	5149	---	Non Engraved
3	Trial No. 1 (6000 Psi)	1	9	2022	6Diax12	---	13.6	28.28	49	3881	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

3996
 Dr. Mazhar

To: Mr. Muhammad Irfan
 Material Engineer, for Banu Mukhtar Contracting (Pvt) Ltd.

Project: Burj-1 by AJWA Builders

Our Ref. No. CL/CED/ 49

Dated: 12-10-22

Test Specification

Your Ref. No. DOC-BMC/AJWA/011

Dated: 04-10-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 04-10-22 Tested on: 12-10-22 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	Main Building Raft (A-D/1-3') 4000 psi	3	9	2022	6Diax12	---	13.6	28.28	79	6257	---	Non Engraved
2	Main Building Raft (A-D/1-3') 4000 psi	3	9	2022	6Diax12	---	13.2	28.28	71	5624	---	Non Engraved
3	Main Building Raft (A-D/1-3') 4000 psi	3	9	2022	6Diax12	---	13.4	28.28	67	5307	---	Non Engraved
4	Main Building Raft (A-D/1-3') 4000 psi	3	9	2022	6Diax12	---	14	28.28	71	5624	---	Non Engraved
5	Main Building Raft (A-D/1-3') 4000 psi	3	9	2022	6Diax12	---	14	28.28	67	5307	---	Non Engraved
6	Main Building Raft (A-D/1-3') 4000 psi	3	9	2022	6Diax12	---	13	28.28	63	4990	---	Non Engraved
7	Main Building Raft (A-D/1-3') 4000 psi	3	9	2022	6Diax12	---	13.6	28.28	77	6099	---	Non Engraved
8	Main Building Raft (A-D/1-3') 4000 psi	3	9	2022	6Diax12	---	13.8	28.28	69	5465	---	Non Engraved
9	Main Building Raft (A-D/1-3') 4000 psi	3	9	2022	6Diax12	---	13.6	28.28	81	6416	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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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3996
 Dr. Mazhar

To: Mr. Muhammad Irfan
 Material Engineer, for Banu Mukhtar Contracting (Pvt) Ltd

Project: Burj-1 by AJWA Builders

Our Ref. No. CL/CED/ 50

Dated: 12-10-22

Test Specification

Your Ref. No. DOC-BMC/AJWA/015

Dated: 04-10-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **04-10-22** Tested on: **12-10-22** 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	Main Building Raft (A-D/3-5') 4000 psi	26	9	2022	6Diax12	---	13.6	28.28	63	4990	---	Non Engraved
2	Main Building Raft (A-D/3-5') 4000 psi	26	9	2022	6Diax12	---	13.2	28.28	53	4198	---	Non Engraved
3	Main Building Raft (A-D/3-5') 4000 psi	26	9	2022	6Diax12	---	13.8	28.28	49	3881	---	Non Engraved
4	Main Building Raft (A-D/3-5') 4000 psi	26	9	2022	6Diax12	---	13.6	28.28	67	5307	---	Non Engraved
5	Main Building Raft (A-D/3-5') 4000 psi	26	9	2022	6Diax12	---	13.6	28.28	51	4040	---	Non Engraved
6	Main Building Raft (A-D/3-5') 4000 psi	26	9	2022	6Diax12	---	13.4	28.28	65	5149	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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
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3996
 Dr. Mazhar

To: Mr. Muhammad Irfan
 Material Engineer, for Banu Mukhtar Contracting (Pvt) Ltd

Project: Burj-1 by AJWA Builders

Our Ref. No. CL/CED/ 51

Dated: 12-10-22

Test Specification

Your Ref. No. DOC-BMC/AJWA/014

Dated: 04-10-22

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 04-10-22 **Tested on:** 12-10-22 **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	Main Bldg Retng. Wall (4000 psi)	25	9	2022	6Diax12	---	14.6	28.28	61	4832	---	Non Engraved
2	Main Bldg Retng. Wall (4000 psi)	25	9	2022	6Diax12	---	13.6	28.28	71	5624	---	Non Engraved
3	Main Bldg Retng. Wall (4000 psi)	25	9	2022	6Diax12	---	13.8	28.28	67	5307	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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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



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.

4032
 Dr. Mazhar

To: Engr. Haseeb Afzal
 Project Manager, HMB Developers Pvt. Ltd.

Project: Commercial Tower, Finance Trade Centre Lahore.

Our Ref. No. CL/CED/ 52

Dated: 12-10-22

Test Specification

Your Ref. No. HMBDPL/S.O/10/22/10th(LHR)

Dated: 10-10-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 10-10-22 Tested on: 12-10-22 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	---	11	9	2022	6Diax12	---	14	28.28	65	5149	---	Non Engraved
2	---	11	9	2022	6Diax12	---	13.2	28.28	57	4515	---	Non Engraved
3	---	11	9	2022	6Diax12	---	13.4	28.28	57	4515	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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"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.

4025
 Dr. Mazhar

To: Eng. Muhammad Iqbal
 Proprietor, For AR-Rafay Builders Sialkot

Project: Construction of Lawyers Chambers at Agriculture Office Sialkot

Our Ref. No. CL/CED/ 53 Dated: 12-10-22 Test Specification
 Your Ref. No. Ar-Rafay Builders Lawyer /2022/03 Dated: 08-10-22 (ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 10-10-22 Tested on: 12-10-22 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 Columns	30	8	2022	6Diax12	---	13.2	28.28	21	1663	---	Non Engraved
2	RCC Columns	30	8	2022	6Diax12	---	12.4	28.28	27	2139	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

4025
 Dr. Mazhar

To: Eng. Muhammad Iqbal
 Proprietor, For AR-Rafay Builders Sialkot

Project: Construction of Lawyers Chambers at Agriculture Office Sialkot

Our Ref. No. CL/CED/ 54 Dated: 12-10-22 Test Specification
 Your Ref. No. Ar-Rafay Builders Lawyer /2022/02 Dated: 08-10-22 (BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 10-10-22 Tested on: 12-10-22 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 Slab	11	9	2022	6x6x6	---	8	36	77	4791	---	Non Engraved
2	RCC Slab	11	9	2022	6x6x6	---	8	36	90	5600	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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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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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 University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

4033
 Dr. Mazhar

To: Mr. Muhammad Azhar
 Resident Engineer, Barrage, IBC

Project: Rehabilitation and Modernization of Islam Barrage

Our Ref. No. CL/CED/ 55

Dated: 12-10-22

Test Specification

Your Ref. No. IBC/RE/UET/47

Dated: 10-10-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-10-22 Tested on: 12-10-22 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 Panel B- 10 Sub Weir	12	9	2022	6Diax12	---	13.4	28.28	67	5307	---	Non Engraved
2	RCC Panel B- 10 Sub Weir	12	9	2022	6Diax12	---	13.2	28.28	57	4515	---	Non Engraved
3	RCC Panel B- 10 Sub Weir	12	9	2022	6Diax12	---	13.2	28.28	53	4198	---	Non Engraved
4	Divide Wall Stairs Lift-1	13	9	2022	6Diax12	---	13.8	28.28	57	4515	---	Non Engraved
5	Divide Wall Stairs Lift-1	13	9	2022	6Diax12	---	13.6	28.28	55	4356	---	Non Engraved
6	Divide Wall Stairs Lift-1	13	9	2022	6Diax12	---	13.2	28.28	53	4198	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Shabbir Sandhu, Material Specialist IBC

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

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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.

4040
 Dr. Safeer

To: Mr. Umair Badar
 Site Incharge, Tetra Ready Mix (Pvt.) Ltd.

Project: House No. 45M A/3 Gulberg III Lahore (Mr. Haroon Malik Residence)

Our Ref. No. CL/CED/ 56

Dated: 12-10-22

Test Specification

Your Ref. No. TRM/Shahzad/004

Dated: 10-10-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-10-22 Tested on: 12-10-22 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	4500 Psi	30	9	2022	6Diax12	---	13.6	28.28	57	4515	---	Non Engraved
2	4500 Psi	30	9	2022	6Diax12	---	13.2	28.28	61	4832	---	Non Engraved
3	4500 Psi	2	10	2022	6Diax12	---	14	28.28	51	4040	---	Non Engraved
4	4500 Psi	2	10	2022	6Diax12	---	13.8	28.28	57	4515	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Shahzad Asghar, CNIC # 35202-4084120-9

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

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