



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.

1944
Dr. M. Yousaf

To: Mr.M.Shahbaz
M/s Imperium Hospitality, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 5046

Dated: 30-09-21

Test Specification

Your Ref. No. IHPL-Con-411

Dated: 14-09-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 21-09-21 Tested on: 28-09-21 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	5(8000) Psi	13	7	2021	6Diax12	---	14	28.28	116	9188	---	Non Engraved
2	6(8000) Psi	13	7	2021	6Diax12	---	14.8	28.28	128	10139	---	Non Engraved
3	9(8000) Psi	13	7	2021	6Diax12	---	14	28.28	114	9030	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Rafi Ullah 34501-0261679-5 Usama Tariq 35401-6915176-9

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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Civil Engineering Department

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Mobile: 0307-0496895

ORIGINAL

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Dr. M. Yousaf

To: Mr.M.Shahbaz
M/s Imperium Hospitality, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 5047

Dated: 30-09-21

Test Specification

Your Ref. No. IHPL-Con-410

Dated: 14-09-21

(ASTM C39)

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 Absorption (%)	Remarks
		DD	MM	YYYY								
1	4(8000) Psi	12	7	2021	6Diax12	---	14	28.28	106	8396	---	Non Engraved
2	5(8000) Psi	12	7	2021	6Diax12	---	14.2	28.28	121	9584	---	Non Engraved
3	6(8000) Psi	12	7	2021	6Diax12	---	14	28.28	121	9584	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Rafi Ullah 34501-0261679-5 Usama Tariq 35401-6915176-9

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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Civil Engineering Department

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ORIGINAL

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Dr. M. Yousaf

To: Mr.M.Shahbaz
M/s Imperium Hospitality, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 5048

Dated: 30-09-21

Test Specification

Your Ref. No. IHPL-Con-417

Dated: 22-09-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27-09-21 Tested on: 28-09-21 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(8000) Psi	27	8	2021	6Diax12	---	14.4	28.28	130	10297	---	Non Engraved
2	2(8000) Psi	27	8	2021	6Diax12	---	15	28.28	134	10614	---	Non Engraved
3	3(8000) Psi	27	8	2021	6Diax12	---	14	28.28	110	8713	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Rafi Ullah 34501-0261679-5 Usama Tariq 35401-6915176-9

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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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Dr. M. Yousaf

To: Mr.M.Shahbaz
M/s Imperium Hospitality, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 5049

Dated: 30-09-21

Test Specification

Your Ref. No. IHPL-Con-417

Dated: 22-09-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27-09-21 Tested on: 28-09-21 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(8000) Psi	25	8	2021	6Diax12	---	14.6	28.28	130	10297	---	Non Engraved
2	2(8000) Psi	25	8	2021	6Diax12	---	14.2	28.28	134	10614	---	Non Engraved
3	3(8000) Psi	25	8	2021	6Diax12	---	14.8	28.28	110	8713	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Rafi Ullah 34501-0261679-5 Usama Tariq 35401-6915176-9

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Dr. M. Yousaf

To: Mr.M.Shahbaz
M/s Imperium Hospitality, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 5050

Dated: 30-09-21

Test Specification

Your Ref. No. IHPL-Con-418

Dated: 22-09-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27-09-21 Tested on: 28-09-21 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(8000) Psi	28	8	2021	6Diax12	---	14	28.28	113	8950	---	Non Engraved
2	2(8000) Psi	28	8	2021	6Diax12	---	14	28.28	132	10455	---	Non Engraved
3	3(8000) Psi	28	8	2021	6Diax12	---	14	28.28	127	10059	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Rafi Ullah 34501-0261679-5 Usama Tariq 35401-6915176-9

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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Director/Dy. Director Concrete Laboratory



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Mobile: 0307-0496895

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Dr. M. Yousaf

To: Mr.M.Shahbaz
M/s Imperium Hospitality, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 5051

Dated: 30-09-21

Test Specification

Your Ref. No. IHPL-Con-419

Dated: 22-09-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27-09-21 Tested on: 28-09-21 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(8000) Psi	31	8	2021	6Diax12	---	14	28.28	109	8634	---	Non Engraved
2	2(8000) Psi	31	8	2021	6Diax12	---	14.4	28.28	142	11248	---	Non Engraved
3	3(8000) Psi	31	8	2021	6Diax12	---	14	28.28	142	11248	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Rafi Ullah 34501-0261679-5 Usama Tariq 35401-6915176-9

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



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Mobile: 0307-0496895

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Dr. M. Yousaf

To: Mr.M.Shahbaz
M/s Imperium Hospitality, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 5052

Dated: 30-09-21

Test Specification

Your Ref. No. IHPL-Con-420

Dated: 22-09-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27-09-21 Tested on: 28-09-21 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(4000) Psi	1	9	2021	6Diax12	---	14	28.28	90	7129	---	Non Engraved
2	2(4000) Psi	1	9	2021	6Diax12	---	14.4	28.28	90	7129	---	Non Engraved
3	3(4000) Psi	1	9	2021	6Diax12	---	14	28.28	86	6812	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Rafi Ullah 34501-0261679-5 Usama Tariq 35401-6915176-9

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



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Mobile: 0307-0496895

ORIGINAL

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

1955

Engr.Ubaid

To: M. Luqman (Manager Projects FMH)
M/s Fatima Memorial Hospital, Lahore.

Project: Construction of New Building at Fatima Memorial Hospital, Lahore.

Our Ref. No. CL/CED/ 5053

Dated: 30-09-21

Test Specification

Your Ref. No. FMH/RAF/Con/16

Dated: 23-09-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 23-09-21 Tested on: 30-09-21 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	(5000) Psi	24	8	2021	6Diax12	---	14	28.28	72	5703	---	Non Engraved
2	(5000) Psi	24	8	2021	6Diax12	---	14	28.28	73	5782	---	Non Engraved
3	(5000) Psi	24	8	2021	6Diax12	---	15	28.28	107	8475	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
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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

- 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.

1945
Dr. M. Yousaf

To: Mr.M.Shahbaz
M/s Imperium Hospitality, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 5054

Dated: 30-09-21

Test Specification

Your Ref. No. IHPL-Con-407

Dated: 13-09-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 21-09-21 Tested on: 28-09-21 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(8000) Psi	24	8	2021	6Diax12	---	14	28.28	102	8079	---	Non Engraved
2	2(8000) Psi	24	8	2021	6Diax12	---	14.2	28.28	127	10059	---	Non Engraved
3	3(8000) Psi	24	8	2021	6Diax12	---	14	28.28	139	11010	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Rafi Ullah 34501-0261679-5 Usama Tariq 35401-6915176-9

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.

1945

Dr. M. Yousaf

To: Mr.M.Shahbaz
M/s Imperium Hospitality, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 5055

Dated: 30-09-21

Test Specification

Your Ref. No. IHPL-Con-405

Dated: 13-09-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 21-09-21 Tested on: 28-09-21 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(8000) Psi	22	8	2021	6Diax12	---	14.2	28.28	38	3010	---	Non Engraved
2	2(8000) Psi	22	8	2021	6Diax12	---	14.6	28.28	117	9267	---	Non Engraved
3	3(8000) Psi	22	8	2021	6Diax12	---	15	28.28	136	10772	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Rafi Ullah 34501-0261679-5 Usama Tariq 35401-6915176-9

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.

1945
Dr. M. Yousaf

To: Mr.M.Shahbaz
M/s Imperium Hospitality, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 5056

Dated: 30-09-21

Test Specification

Your Ref. No. IHPL-Con-404

Dated: 13-09-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 21-09-21 Tested on: 28-09-21 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(8000) Psi	21	8	2021	6Diax12	---	14.2	28.28	126	9980	---	Non Engraved
2	2(8000) Psi	21	8	2021	6Diax12	---	14	28.28	128	10139	---	Non Engraved
3	3(8000) Psi	21	8	2021	6Diax12	---	14.4	28.28	125	9901	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Rafi Ullah 34501-0261679-5 Usama Tariq 35401-6915176-9

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.

1945

Dr. M. Yousaf

To: Mr.M.Shahbaz
M/s Imperium Hospitality, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 5057

Dated: 30-09-21

Test Specification

Your Ref. No. IHPL-Con-406

Dated: 13-09-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 21-09-21 Tested on: 28-09-21 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	12(4000) Psi	24	8	2021	6Diax12	---	14.2	28.28	84	6653	---	Non Engraved
2	10(4000) Psi	24	8	2021	6Diax12	---	14	28.28	69	5465	---	Non Engraved
3	11(8000) Psi	24	8	2021	6Diax12	---	14.2	28.28	70	5545	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Rafi Ullah 34501-0261679-5 Usama Tariq 35401-6915176-9

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.

1945

Dr. M. Yousaf

To: Mr.M.Shahbaz
M/s Imperium Hospitality, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 5058

Dated: 30-09-21

Test Specification

Your Ref. No. IHPL-Con-403

Dated: 13-09-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 21-09-21 Tested on: 28-09-21 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(4000) Psi	18	8	2021	6Diax12	---	14	28.28	50	3960	---	Non Engraved
2	2(4000) Psi	18	8	2021	6Diax12	---	14	28.28	41	3248	---	Non Engraved
3	3(8000) Psi	18	8	2021	6Diax12	---	14.4	28.28	61	4832	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Rafi Ullah 34501-0261679-5 Usama Tariq 35401-6915176-9

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.

1950

Dr. Umbreen

To: Mr. Minhaj Khizar
M/s Style Textile

Project: Construction of Style Manga Project

Our Ref. No. CL/CED/ 5059

Dated: 30-09-21

Test Specification

Your Ref. No. Nil

Dated: 20-09-21

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **22-09-21** Tested on: **27-09-21** 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	C-20 (Footing)	23	8	2021	6x6x6	---	8.2	36	53	3298	---	Non Engraved
2	C-20 (Footing)	23	8	2021	6x6x6	---	8.4	36	43	2676	---	Non Engraved
3	C-20 (Footing)	23	8	2021	6x6x6	---	8.4	36	55	3422	---	Non Engraved
4	C-30 (Column)	23	8	2021	6x6x6	---	8.8	36	108	6720	---	Non Engraved
5	C-30 (Column)	23	8	2021	6x6x6	---	8.6	36	86	5351	---	Non Engraved
6	C-30 (Column)	23	8	2021	6x6x6	---	8.6	36	51	3173	---	Non Engraved
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-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.

1954
Dr. Nauman

To: Mr.M. Ehsan (Project Director, EEPL)
M/s Elite Engineering (Pvt.) Ltd. Lahore.

Project: Construction of Sitara Heights 3-Jays Tower, Gulberg-III Lahore.

Our Ref. No. CL/CED/ 5060

Dated: 30-09-21

Test Specification

Your Ref. No. EEPL/Sh/001/008

Dated: 22-09-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 23-09-21 Tested on: 28-09-21 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	(6000) Psi	15	9	2021	6Diax12	---	14	28.28	83	6574	---	Non Engraved
2	(6000) Psi	15	9	2021	6Diax12	---	14	28.28	81	6416	---	Non Engraved
3	(6000) Psi	15	9	2021	6Diax12	---	14.6	28.28	83	6574	---	Non Engraved
4	(3000) psi	15	9	2021	6Diax12	---	14.4	28.28	67	5307	---	Non Engraved
5	(3000) psi	15	9	2021	6Diax12	---	14.6	28.28	71	5624	---	Non Engraved
6	(3000) psi	15	9	2021	6Diax12	---	14	28.28	71	5624	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Sajid Hussian Sadiq 0307-4796366

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.

1925
Dr. Mazar Saleem

To: Mr.M. Waleed Arshad (Asst. Resident Engineer)
NESPAK (Pvt.) Ltd. (Environmental Public Health Engg Division) (M/s Ikan-Mastic JV)
Project: Storm Water Drainage Sysytem from Haji Camp to River Via Lakshami Chock, Mcleod Road, Nabha, Chuburji and Sham Nagar. Lahore. (package -1)
Our Ref. No. CL/CED/ 5061 Dated: 30-09-21 Test Specification
Your Ref. No. 3882/11/MWA/02/255 Dated: 09-09-21 (ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 17-09-21 Tested on: 29-09-21 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	(4000) Psi	11	8	2021	6Diax12	---	14	28.28	90	7129	---	Non Engraved
2	(4000) Psi	11	8	2021	6Diax12	---	14	28.28	53	4198	---	Non Engraved
3	(4000) Psi	11	8	2021	6Diax12	---	14	28.28	75	5941	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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
- **** 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.

1962

Dr. Umbreen

To: Mr. Mr. Iqbal Rashid (CEO)
M/s Technocrates

Project: Dada Shoes Factory Iqbal Nagar

Our Ref. No. CL/CED/ 5061

Dated: 30-09-21

Test Specification

Your Ref. No. Nil

Dated: 14-09-21

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **24-09-21** Tested on: **27-09-21** 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	Footing (1:2:4)	27	8	2021	6x6x6	---	8.6	36	57	3547	---	Non Engraved
2	Footing (1:2:4)	27	8	2021	6x6x6	---	9	36	53	3298	---	Non Engraved
3	Footing (1:2:4)	27	8	2021	6x6x6	---	8.4	36	41	2551	---	Non Engraved
4	Column (1:1:5:3)	12	9	2021	6x6x6	---	9	36	73	4542	---	Non Engraved
5	Column (1:1:5:3)	12	9	2021	6x6x6	---	8.8	36	73	4542	---	Non Engraved
6	Column (1:1:5:3)	12	9	2021	6x6x6	---	9	36	73	4542	---	Non Engraved
7	Beams (1:2:4)	3	9	2021	6x6x6	---	8.6	36	53	3298	---	Non Engraved
8	Beams (1:2:4)	3	9	2021	6x6x6	---	8.6	36	57	3547	---	Non Engraved
9	Beams (1:2:4)	3	9	2021	6x6x6	---	8.8	36	53	3298	---	Non Engraved
10	Slab (1:2:4)	4	9	2021	6x6x6	---	8.8	36	69	4293	---	Non Engraved
11	Slab (1:2:4)	4	9	2021	6x6x6	---	8.8	36	77	4791	---	Non Engraved
12	Slab (1:2:4)	4	9	2021	6x6x6	---	9	36	83	5164	---	Non Engraved
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

1925
Dr. Mazar Saleem

To: Mr.M. Waleed Arshad (Asst. Resident Engineer)
NESPAC (Pvt.) Ltd. (Environmental Public Health Engg Division) (M/s Ikan-Mastic JV)
Project: Storm Water Drainage Sysytem from Haji Camp to River Via Lakshami Chock, Mcleod Road, Nabha, Chuburji and Sham Nagar. Lahore. (Package-1)
Our Ref. No. CL/CED/ 5062 Dated: 30-09-21 Test Specification
Your Ref. No. 3882/11/MWA/02/256 Dated: 17-09-21 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 17-09-21 Tested on: 29-09-21 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	Patiala Ground (4000) Psi	21	8	2021	6Diax12	---	14	28.28	75	5941	---	Non Engraved
2	Patiala Ground (4000) Psi	21	8	2021	6Diax12	---	14	28.28	63	4990	---	Non Engraved
3	Patiala Ground (4000) Psi	21	8	2021	6Diax12	---	14	28.28	43	3406	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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