



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.

7242
 Dr. Umbreen

To: Mr. M. Usman Rauf
 Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd.

Project: Construction of PCC & Sewer in Street UC-130 (PP-149). (MCL Projects)

Our Ref. No. CL/CED/ 5016

Dated: 04/06/2024

Test Specification

Your Ref. No. 4084/103/MUR/104/1856

Dated: 29/05/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 31/05/2024 Tested on: 04/06/2024 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	4	2024	6Diax12	---	12.4	28.28	38	3010	---	Non Engraved
2	---	29	4	2024	6Diax12	---	12.2	28.28	36	2851	---	Non Engraved
3	---	29	4	2024	6Diax12	---	12.2	28.28	30	2376	---	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)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

7265
Dr. Umbreen

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

Project: Commercial Tower, Finance Trade Centre, Lahore. (2nd Floor Columns N-H/1,2,4)

Our Ref. No. CL/CED/ 5017

Dated: 04/06/2024

Test Specification

Your Ref. No. HMBDPL/S.O/06/24/108 (LHR)

Dated: 04/06/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 04/06/2024 Tested on: 04/06/2024 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	CT-103 (6000 Psi)	7	5	2024	6Diax12	---	14.6	28.28	106	8396	---	Non Engraved
2	CT-103 (6000 Psi)	7	5	2024	6Diax12	---	14.2	28.28	74	5861	---	Non Engraved
3	CT-103 (6000 Psi)	7	5	2024	6Diax12	---	14.2	28.28	84	6653	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Ghulam Nabi, CNIC # 35201-1248412-1

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

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

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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ORIGINAL
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7261
 Dr. Umbreen

To: Resident Engineer
 Al-Imam Enterprises (Pvt) Ltd.

Project: Construction of Zonal Office of the Bank AL Habib Limited, 12K-Main Boulevard Gulberg, Lahore.
 (Civil and Structure Works Package)

Our Ref. No. CL/CED/ 5018

Dated: 04/06/2024

Test Specification

Your Ref. No. Alm/BAHL/0624/0306

Dated: 03/06/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **04/06/2024** Tested on: **04/06/2024** 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 (6000 Psi)	27	5	2024	6Diax12	---	14.2	28.28	84	6653	---	Non Engraved
2	Slab (6000 Psi)	27	5	2024	6Diax12	---	14.2	28.28	94	7446	---	Non Engraved
3	Slab (6000 Psi)	27	5	2024	6Diax12	---	14.4	28.28	88	6970	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Omair Latif, CNIC # 81302-2636577-5

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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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7229
Dr. Aqsa

To: **Rana Associates, Engineers and Contractors**
229-A, Ahmed Block, New Garden Town, Lahore.

Project: **Pecco Road, 5A**

Our Ref. No. **CL/CED/ 5019**

Dated: **04/06/2024**

Test Specification

Your Ref. No. **Nil**

Dated: **29/05/2024**

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **29/05/2024** Tested on: **04/06/2024** 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	19	5	2024	6Diax12	---	13	28.28	43	3406	---	Engraved
2	3000 Psi	19	5	2024	6Diax12	---	13	28.28	41	3248	---	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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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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7248
Dr. Aqsa

To: Mr. M. Ashraf Javed
Project Incharge, Ijaz Cotton Pvt. Ltd.

Project: Ijaz Cotton Pvt. Ltd. Nabi Baksh 34 KM Ferozepur Road Lahore.

Our Ref. No. CL/CED/ 5020

Dated: 04/06/2024

Test Specification

Your Ref. No. TM-First Floor Lantor + Beams

Dated: 30/05/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 03/06/2024 Tested on: 04/06/2024 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	20	5	2024	6Diax12	---	13	28.28	47	3723	---	Non Engraved
2	3000 Psi	20	5	2024	6Diax12	---	14.2	28.28	45	3564	---	Non Engraved
3	3000 Psi	20	5	2024	6Diax12	---	14.2	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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7248
Dr. Aqsa

To: Mr. M. Ashraf Javed
Project Incharge, Ijaz Cotton Pvt. Ltd.

Project: Ijaz Cotton Pvt. Ltd. Nabi Baksh 34 KM Ferozepur Road Lahore.

Our Ref. No. CL/CED/ 5021

Dated: 04/06/2024

Test Specification

Your Ref. No. TM-First Floor Lantor + Beams

Dated: 30/05/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 03/06/2024 Tested on: 04/06/2024 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	21	5	2024	6Diax12	---	14	28.28	61	4832	---	Non Engraved
2	3000 Psi	21	5	2024	6Diax12	---	14.2	28.28	68	5386	---	Non Engraved
3	3000 Psi	21	5	2024	6Diax12	---	13	28.28	54	4277	---	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-reports1/>

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

Director/Dy. Director Concrete Laboratory



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

7230
Dr. Aqsa

To: Sub Divisional Officer
Maintenance Sub Division No. II, GOR-III, Lahore.

Project: Construction of One Multistorey Building for Residences Grade 11-14 (36 Nos.) for Staff Colony at Chauburgi Garden State, Multan Road, Lahore.

Our Ref. No. CL/CED/ 5022

Dated: 04/06/2024

Test Specification

Your Ref. No. 371 Sd/GOR-III, Lhr.

Dated: 27/05/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 29/05/2024 Tested on: 04/06/2024 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	F.F Slab (1:2:4)	27	4	2024	6Diax12	---	13	28.28	63	4990	---	Non Engraved
2	F.F Slab (1:2:4)	27	4	2024	6Diax12	---	13	28.28	36	2851	---	Non Engraved
3		---	---	---	---	---	---	---	---	---	---	---
4		---	---	---	---	---	---	---	---	---	---	---
5		---	---	---	---	---	---	---	---	---	---	---
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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
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

7230
Dr. Aqsa

To: Sub Divisional Officer
Maintenance Sub Division No. II, GOR-III, Lahore.

Project: Construction of One Multistorey Building for Residences Grade 11-14 (36 Nos.) for Staff Colony at Chauburgi Garden State, Multan Road, Lahore.

Our Ref. No. CL/CED/ 5023

Dated: 04/06/2024

Test Specification

Your Ref. No. 343 Sd/GOR-III, Lhr.

Dated: 27/05/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 29/05/2024 Tested on: 04/06/2024 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	---	15	4	2024	6Diax12	---	13.4	28.28	38	3010	---	Non Engraved
2	---	15	4	2024	6Diax12	---	12.6	28.28	34	2693	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
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
- **** 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.

7227
 Dr. Aqsa

To: Resident Engineer (Civil)
 Model Bazaar Head Office Building, Mascon Associates Pvt. Ltd. JV HA Consulting.

Project: Establishment of Model Bazaar Head Office Building.

Our Ref. No. CL/CED/ 5024

Dated: 04/06/2024

Test Specification

Your Ref. No. MAC-HAC/23/PMBMC/LT/075

Dated: 15/05/2024

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 29/05/2024 **Tested on:** 04/06/2024 **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	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2810	29.64	114	8615	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2790	29.64	111	8389	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2785	29.64	111	8389	---	---
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
- **** AC1318-08 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