



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.

6982
 Dr. Aqsa

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

Project: Ijaz Cotton Pvt. Ltd. Nabi Baksh 34 km Ferozpur Road Lahore.

Our Ref. No. CL/CED/ 4630

Dated: 09-04-24

Test Specification

Your Ref. No. TM - Ground Floor Columns

Dated: 02-04-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 03-04-24 Tested on: 09-04-24 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)	21	3	2024	6Diax12	---	13.2	28.28	54	4277	---	Engraved
2	(5000 Psi)	21	3	2024	6Diax12	---	14	28.28	58	4594	---	Engraved
3	(5000 Psi)	21	3	2024	6Diax12	---	13.8	28.28	54	4277	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Civil Engineering Department
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6982
 Dr. Aqsa

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

Project: Ijaz Cotton Pvt. Ltd. Nabi Baksh 34 km Ferozpur Road Lahore.

Our Ref. No. CL/CED/ 4631

Dated: 09-04-24

Test Specification

Your Ref. No. TM - Ground Floor Columns

Dated: 02-04-24

(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	(5000 Psi)	20	3	2024	6Diax12	---	13.6	28.28	45	3564	---	Engraved
2	(5000 Psi)	20	3	2024	6Diax12	---	14	28.28	58	4594	---	Engraved
3	(5000 Psi)	20	3	2024	6Diax12	---	14	28.28	56	4436	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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

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Director/Dy. Director Concrete Laboratory



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 Dr. Aqsa

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

Project: Ijaz Cotton Pvt. Ltd. Nabi Baksh 34 km Ferozpur Road Lahore.

Our Ref. No. CL/CED/ 4632

Dated: 09-04-24

Test Specification

Your Ref. No. TM - Ground Floor Columns

Dated: 02-04-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 03-04-24 Tested on: 09-04-24 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)	18	3	2024	6Diax12	---	14	28.28	58	4594	---	Engraved
2	(5000 Psi)	18	3	2024	6Diax12	---	14.2	28.28	60	4752	---	Engraved
3	(5000 Psi)	18	3	2024	6Diax12	---	14.2	28.28	64	5069	---	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-reports/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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- 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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6968
 Dr. Aqsa

To: Hussain Construction Company
 4th Floor, 244-C, DHA Phase-8, Broadway, Lahore.

Project: Construction of Slab Concrete (Mess & Hostle) of Ground Floor at CMH Medical and Dental College, Lahore.

Our Ref. No. CL/CED/ 4633

Dated: 09-04-24

Test Specification

Your Ref. No. Nil

Dated: 01-04-24

(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	1:2:4 (3000 Psi)	28	2	2024	6Diax12	---	14	28.28	36	2851	---	Engraved
2	1:2:4 (3000 Psi)	28	2	2024	6Diax12	---	14	28.28	60	4752	---	Engraved
3	1:2:4 (3000 Psi)	28	2	2024	6Diax12	---	13.6	28.28	65	5149	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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7002
 Dr. Aqsa

To: Director Projects
 Innovative Construction Company

Project: Shoring Works at Kingdom Arena, RUDA, Lahore.

Our Ref. No. CL/CED/ 4634

Dated: 09-04-24

Test Specification

Your Ref. No. ICL/KA/Piling/0424/01

Dated: 07-04-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 08-04-24 Tested on: 09-04-24 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	---	9	3	2024	6Diax12	---	14	28.28	51	4040	---	Non Engraved
2	---	9	3	2024	6Diax12	---	14.2	28.28	58	4594	---	Non Engraved
3	---	9	3	2024	6Diax12	---	14.4	28.28	57	4515	---	Non Engraved
4	---	10	3	2024	6Diax12	---	13.6	28.28	50	3960	---	Non Engraved
5	---	10	3	2024	6Diax12	---	14	28.28	61	4832	---	Non Engraved
6	---	10	3	2024	6Diax12	---	13.8	28.28	60	4752	---	Non Engraved
7	---	11	3	2024	6Diax12	---	14	28.28	80	6337	---	Non Engraved
8	---	11	3	2024	6Diax12	---	15	28.28	74	5861	---	Non Engraved
9	---	11	3	2024	6Diax12	---	13.6	28.28	64	5069	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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ORIGINAL
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6991
 Dr. Aqsa

To: Mr. M. Usman Rauf
 Resident Engineer, NESPAK (Pvt.) Ltd. Highways and Transportation Engineering Division.
 Project: Rehabilitation of Road, Streets & Boundary Wall Graveyard Kot Kamboh, A.I Zone Lahore. (MCL Projects)
 Our Ref. No. CL/CED/ 4635 Dated: 09-04-24
 Your Ref. No. 4084/103/MUR/104/1824 Dated: 22-03-24

Test Specification
 (BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **04-04-24** Tested on: **09-04-24** 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	---	22	2	2024	6x6x6	---	9	36	87	5413	---	Non Engraved
2	---	22	2	2024	6x6x6	---	8.6	36	55	3422	---	Non Engraved
3	---	22	2	2024	6x6x6	---	9	36	44	2738	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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Director/Dy. Director Concrete Laboratory



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Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL
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7000
 Dr. Aqsa

To: Mr. Muazzam Shaukat
 Muhammad Younis Construction Company

Project: House # 184-D, DHA Phase-8, Ex-Park View

Our Ref. No. CL/CED/ 4636
 Your Ref. No. Nil

Dated: 09-04-24
 Dated: 08-04-24

Test Specification
 (BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **08-04-24** Tested on: **09-04-24** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	(4000 Psi)	24	3	2024	6x6x6	---	8.4	36	66	4107	---	Non Engraved
2	(4000 Psi)	24	3	2024	6x6x6	---	9	36	62	3858	---	Non Engraved
3	(4000 Psi)	24	3	2024	6x6x6	---	8.8	36	65	4044	---	Non Engraved
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-reports/>

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Director/Dy. Director Concrete Laboratory