



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.

7751
 Dr. M. Yousaf

To: Mr. Azhar Zahoor
 QA/QC Incharge, AL-ISHTIAQ CONSTRUCTIONS

Project: Nil

Our Ref. No. CL/CED/ 5819

Dated: 06-09-24

Test Specification

Your Ref. No. Nil

Dated: 05-09-24

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 05-09-24 Tested on: 06-09-24 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	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2755	29.64	104	7860	---	TP-001 (Izhar)
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2620	29.64	44	3325	---	TP-002 (MM Concrete-New)
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2890	29.64	80	6046	---	TP-003 (MM Concrete-Old)
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" dia x 12" 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
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7690
 Dr. M. Yousaf

To: Assistant Director (Tech.)
 Anti-Corruption Establishment, Dera Ghazi Khan

Project: Testing of Samples Collected During Site Visit in Connection with Enquiry Bearing No. RE-368/2024

Our Ref. No. CL/CED/ 5820

Dated: 06-09-24

Test Specification

Your Ref. No. 155-ADT

Dated: 10-08-24

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 27-08-24 **Tested on:** 06-09-24 **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	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4775	37.39	160	9585	---	---
2	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4940	37.39	166	9945	---	---
3	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4360	37.39	160	9585	---	---
4	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4560	37.39	162	9705	---	---
5	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4430	37.99	152	8962	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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" dia x 12" 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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7715
 Dr. M. Yousaf

To: Mr. Gul Waqas Shahid
 UniRazz Services, Valencia Town, Lahore

Project: Construction of Syed Wajid Ali Shah Auditorium, Al Aleem Medical College, Gulab Devi Hospital Lahore.

Our Ref. No. CL/CED/ 5821

Dated: 06-09-24

Test Specification

Your Ref. No. USPL/UET/2024

Dated: 02-09-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 02-09-24 Tested on: 06-09-24 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	Stage Slab (i)	4	8	2024	6Diax12	---	13.6	28.28	43	3406	---	Non Engraved
2	Stage Slab (ii)	4	8	2024	6Diax12	---	14	28.28	46	3644	---	Non Engraved
3	Stage Slab (iii)	4	8	2024	6Diax12	---	13.6	28.28	35	2772	---	Non Engraved
4	B-12, B-13, B-17, B-8A (i)	4	8	2024	6Diax12	---	13.8	28.28	44	3485	---	Non Engraved
5	B-12, B-13, B-17, B-8A (ii)	4	8	2024	6Diax12	---	14	28.28	43	3406	---	Non Engraved
6	B-12, B-13, B-17, B-8A (iii)	4	8	2024	6Diax12	---	14	28.28	46	3644	---	Non Engraved
7		---	---	---	---	---	---	---	---	---	---	---
8		---	---	---	---	---	---	---	---	---	---	---
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7740
 Dr. M. Yousaf

To: Mr. Muhammad Atif Khalil
 Project Manager, Banu Mukhtar Contracting (Pvt) Limited
 Project: Burj-1 by AJWA BUILDERS (Column #05 Nos. Grids:- C/7, 8, D/7, 8, F/7; Main Building 5th Floor Zone-02)
 Our Ref. No. CL/CED/ 5822 Dated: 06-09-24 Test Specification
 Your Ref. No. DOC-BMC/AJWA/172 Dated: 03-09-24 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 04-09-24 Tested on: 06-09-24 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	6000 Psi	4	8	2024	6Diax12	---	14.6	28.28	86	6812	---	Non Engraved
2	6000 Psi	4	8	2024	6Diax12	---	14.2	28.28	90	7129	---	Non Engraved
3	6000 Psi	4	8	2024	6Diax12	---	14.2	28.28	86	6812	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Director/Dy. Director Concrete Laboratory



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7735
 Dr. M. Yousaf

To: Mr. M. Ashraf Javed
 Project Incharge, IJAZ COTTON (Pvt) Ltd, Manufacturer & Exporter of Quality Wears

Project: IJAZ COTTON PVT LTD. Nabi Baksh 34 KM Ferozpur Road Lahore

Our Ref. No. CL/CED/ 5823

Dated: 06-09-24

Test Specification

Your Ref. No. TM-THIRD FLOOR COLUMN'S

Dated: 02-09-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 04-09-24 Tested on: 06-09-24 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	13	8	2024	6Diax12	---	13	28.28	70	5545	---	Non Engraved
2	5000 Psi	13	8	2024	6Diax12	---	13.6	28.28	63	4990	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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7735
 Dr. M. Yousaf

To: Mr. M. Ashraf Javed
 Project Incharge, IJAZ COTTON (Pvt) Ltd, Manufacturer & Exporter of Quality Wears

Project: IJAZ COTTON PVT LTD. Nabi Baksh 34 KM Ferozpur Road Lahore

Our Ref. No. CL/CED/ 5824 Dated: 06-09-24 Test Specification
 Your Ref. No. TM-THIRD FLOOR COLUMN'S Dated: 02-09-24 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 04-09-24 Tested on: 06-09-24 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	20	8	2024	6Diax12	---	13	28.28	68	5386	---	Non Engraved
2	5000 Psi	20	8	2024	6Diax12	---	13	28.28	68	5386	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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To: Mr. M. Ashraf Javed
 Project Incharge, IJAZ COTTON (Pvt) Ltd, Manufacturer & Exporter of Quality Wears

Project: IJAZ COTTON PVT LTD. Nabi Baksh 34 KM Ferozpur Road Lahore

Our Ref. No. CL/CED/ 5825

Dated: 06-09-24

Test Specification

Your Ref. No. TM-THIRD FLOOR COLUMN'S

Dated: 02-09-24

(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	17	8	2024	6Diax12	---	13	28.28	68	5386	---	Non Engraved
2	5000 Psi	17	8	2024	6Diax12	---	14	28.28	77	6099	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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7663
 Dr. M. Yousaf

To: Mr. Muhammad Sajjad
 Project Incharge

Project: Construction of House No. 60, C Block Model Town Lahore

Our Ref. No. CL/CED/ 5826

Dated: 06-09-24

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **22/8/2024** Tested on: **06-09-24** 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	First Floor Slab (3000 Psi)	9	8	2024	6Diax12	---	13	28.28	41	3248	---	Non Engraved
2	First Floor Slab (3000 Psi)	9	8	2024	6Diax12	---	14	28.28	37	2931	---	Non Engraved
3	First Floor Slab (3000 Psi)	9	8	2024	6Diax12	---	12.4	28.28	42	3327	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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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.

7729
 Dr. M. Yousaf

To: Executive Engineer, Building & Works Department
 University of Veterinary & Animal Sciences, Lahore

Project: Construction of Sports Resource Centre and Swimming Pool at Sports Complex, City Campus, UVAS, Lahore (Swimming Pool Beam & Slab)

Our Ref. No. CL/CED/ 5827

Dated: 06-09-24

Test Specification

Your Ref. No. E.E 903

Dated: 15/7/2024

(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 (1:1:2)	15	6	2024	6Diax12	---	14.4	28.28	56	4436	---	Non Engraved
2	5000 Psi (1:1:2)	15	6	2024	6Diax12	---	13	28.28	69	5465	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

7738
 Dr. M. Yousaf

To: Admin Manager
 RF Construction

Project: Nil

Our Ref. No. CL/CED/ 5828

Dated: 06-09-24

Test Specification

Your Ref. No. 293/9/24/By Hand

Dated: 04-09-24

(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	3000 Psi	24	8	2024	6Diax12	---	13.2	28.28	24	1901	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: CNIC 35201-3508795-1

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.

7737
 Dr. M. Yousaf

To: Mr. Muhammad Wasim
 Site Engineer, Jaffar Builders, Engineers & Contractors

Project: Coca Cola Sunder Green Lahore

Our Ref. No. CL/CED/ 5829

Dated: 06-09-24

Test Specification

Your Ref. No. Nil

Dated: 04-09-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 4/9/2024 **Tested on:** 06-09-24 **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	Footing	19	8	2024	6Diax12	---	13	28.28	45	3564	---	Engraved
2	Footing	19	8	2024	6Diax12	---	13.2	28.28	49	3881	---	Engraved
3	Footing	19	8	2024	6Diax12	---	13.4	28.28	49	3881	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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10	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore. Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

7730
 Dr. M. Yousaf

To: Mr. Muhammad Saddique
 Head, QA/QC, AL-A'ZAMIYYA Phase-I, Township, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 5830

Dated: 06-09-24

Test Specification

Your Ref. No. Alz./CT/UET/014

Dated: 03-09-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 03-09-24 Tested on: 06-09-24 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	27	8	2024	6Diax12	---	13	28.28	29	2297	---	Non Engraved
2	4000 Psi	27	8	2024	6Diax12	---	13.4	28.28	32	2535	---	Non Engraved
3	4000 Psi	27	8	2024	6Diax12	---	13	28.28	31	2455	---	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-reports/>

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

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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

7747
 Dr. M. Yousaf

To: Lt. Col. (R) Muhammad Ibrahim
 Senior Estate Engineer, Sundar Industrial Estate

Project: Construction of U-Turn near Colgate

Our Ref. No. CL/CED/ 5831

Dated: 06-09-24

Test Specification

Your Ref. No. BOM/SIE/BCD/9-24/608

Dated: 05-09-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 05-09-24 Tested on: 06-09-24 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	---	7	8	2024	6x6x6	---	8.2	36	86	5351	---	Non Engraved
2	---	7	8	2024	6x6x6	---	8.2	36	79	4916	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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



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.

7708
Dr. M. Yousaf

To: Mr. M. Usman Rauf
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (PVT) Ltd
Project: Repair/ Renovation of Median Footpath Island Roundabout Chowks ETC on Madina Road Township Allama Iqbal Zone (MCL Projects)
Our Ref. No. CL/CED/ 5832
Your Ref. No. 4084/103/MUR/104/1893

Dated: 06-09-24
Dated: 16/8/2024
Test Specification
(----)

COMPRESSION TEST REPORT



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

Specimens received on: 30/8/2024 Tested on: 06-09-24 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	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2735	29.64	119	8993	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2665	29.64	74	5592	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2635	29.64	83	6273	---	---
4	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2765	29.64	91	6877	---	---
5	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2770	29.64	92	6953	---	---
6	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2725	29.64	85	6424	---	---
7	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2880	29.64	97	7331	---	---
8	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2640	29.64	83	6273	---	---
9	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2870	29.64	101	7633	---	---
10	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2740	29.64	72	5441	---	---
11	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2920	29.64	131	9900	---	---
12	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2740	29.64	105	7935	---	---
13	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2885	29.64	81	6121	---	---
14	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2935	29.64	143	10807	---	---
15	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2835	29.64	89	6726	---	---
16	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2795	29.64	101	7633	---	---

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" dia x 12" 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.

7739
 Dr. M. Yousaf

To: Mr. Mehran Ali
 Resident Engineer, AZ Engineering Associates, Hafizabad Residency at Pindi Bhattian
 Project: Rehabilitation of Road from Chiniot to Pindi Bhattian M-2 Interchange Section-II Length 18.45 KMS in District Hafizabad.
 Our Ref. No. CL/CED/ 5833 Dated: 06-09-24 Test Specification
 Your Ref. No. AZEA/RE/HFZ/351 Dated: 07-03-24 (----)

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	Kerb Stone	---	---	---	6 x 6 x 6	---	8.4	36	80	4978	---	Cut Cube
2	Kerb Stone	---	---	---	6 x 6 x 6	---	8	36	81	5040	---	Cut Cube
3	Kerb Stone	---	---	---	6 x 6 x 6	---	8	36	86	5351	---	Cut Cube
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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- **** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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

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- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory