



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.

6958
 Dr. Umbreen

To: Mr. Atif Ali Awan
 Resident Engineer, Engineering Consultancy Services Punjab (Pvt) Ltd.

Project: Implementation of Master Plan of Safari Zoo Lahore.

Our Ref. No. CL/CED/ 4557

Dated: 29-03-24

Test Specification

Your Ref. No. ECSP/RE/IMPSZL/33

Dated: 12-01-24

(---)

COMPRESSION TEST REPORT



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

Specimens received on: 29-03-24 Tested on: 29-03-24 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, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3730	29.64	139	10505	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3885	29.64	140	10580	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3810	29.64	126	9522	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3795	29.64	142	10731	---	---
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3820	29.64	144	10883	---	---
6	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3695	29.64	116	8767	---	---
7	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3580	29.64	116	8767	---	---
8	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3670	29.64	137	10354	---	---
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" 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
 University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL
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6954
 Dr. Umbreen

To: Mr. Muhammad Hassnain Jaffar
 Project Manager, 7 Canal Developers

Project: 7 Canal Residential Apartment Buildings.

Our Ref. No. CL/CED/ 4558

Dated: 29-03-24

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: **28-03-24** Tested on: **29-03-24** 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	---	21	3	2024	6Diax12	---	17	28.28	48	3802	---	Non Engraved
2	---	21	3	2024	6Diax12	---	16.2	28.28	50	3960	---	Non Engraved
3	---	21	3	2024	6Diax12	---	16.2	28.28	54	4277	---	Non Engraved
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

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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
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6944
Dr. Umbreen

To: Mr. Muhammad Farman
Resident Engineer, Jinnah Hospital Lahore

Project: Resident Construction Supervision for "Revamping of Jinnah Hospital, Lahore"

Our Ref. No. CL/CED/ 4559

Dated: 29/3/2024

Test Specification

Your Ref. No. ECSP/RE/387/55

Dated: 27/3/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27/03/2024 Tested on: 29/3/2024 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	Ground Floor Slab (2500 Psi)	16	3	2024	6Diax12	---	13.6	28.28	38	3010	---	Non Engraved
2	Ground Floor Slab (2500 Psi)	16	3	2024	6Diax12	---	13.6	28.28	40	3168	---	Non Engraved
3	Ground Floor Slab (2500 Psi)	16	3	2024	6Diax12	---	13.6	28.28	30	2376	---	Non Engraved
4	First Flr Col. 8C5, 6C4 (4000 Psi)	20	3	2024	6Diax12	---	13.6	28.28	48	3802	---	Engraved
5	First Flr Col. 8C5, 6C4 (4000 Psi)	20	3	2024	6Diax12	---	13.8	28.28	42	3327	---	Engraved
6	First Flr Col. 8C5, 6C4 (4000 Psi)	20	3	2024	6Diax12	---	14	28.28	38	3010	---	Engraved
7	FF Col.6C2, 2C1, 1C3(4000 Psi)	21	3	2024	6Diax12	---	14	28.28	50	3960	---	Non Engraved
8	FF Col.6C2, 2C1, 1C3(4000 Psi)	21	3	2024	6Diax12	---	13.6	28.28	42	3327	---	Non Engraved
9	FF Col.6C2, 2C1, 1C3(4000 Psi)	21	3	2024	6Diax12	---	13.8	28.28	44	3485	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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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Director/Dy. Director Concrete Laboratory



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Civil Engineering Department

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ORIGINAL
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6933
Dr. Umbreen

To: Sub Divisional Officer
Link Sub Division, Lahore

Project: Construction of Gated Head Regulators From RD: 205+000 to 283+000 of BRBD Link Canal of Chakbandi Division Lahore, Package-A (At RD 226+000 Defence Head Regulator Cistern Bed)

Our Ref. No. CL/CED/ 4560

Dated: 29/3/2024

Test Specification

Your Ref. No. 72/66-G

Dated: 18/3/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 26/03/2024 Tested on: 29/3/2024 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	4000 Psi	19	2	2024	6Diax12	---	14.2	28.28	38	3010	---	Non Engraved
2	4000 Psi	19	2	2024	6Diax12	---	14.2	28.28	46	3644	---	Non Engraved
3	4000 Psi	19	2	2024	6Diax12	---	13.4	28.28	50	3960	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
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- *** 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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ORIGINAL
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6933
 Dr. Umbreen

To: Sub Divisional Officer
 Link Sub Division, Lahore

Project: Const. of Gated Head Regulators From RD: 205+000 to 283+000 of BRBD Link Canal of Chakbandi Division Lahore, Pkg-A (At RD 210+000 Defence Head Regulator- Stilling Basin Wall L/S 2nd Pouring)

Our Ref. No. CL/CED/ 4561

Dated: 29/3/2024

Test Specification

Your Ref. No. 73/66-G

Dated: 19/3/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 26/03/2024 Tested on: 29/3/2024 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	4000 Psi	20	2	2024	6Diax12	---	14.8	28.28	52	4119	---	Non Engraved
2	4000 Psi	20	2	2024	6Diax12	---	15	28.28	50	3960	---	Non Engraved
3	4000 Psi	20	2	2024	6Diax12	---	14.8	28.28	44	3485	---	Non Engraved
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
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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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Civil Engineering Department

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ORIGINAL
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6933
 Dr. Umbreen

To: Sub Divisional Officer
 Link Sub Division, Lahore

Project: Const. of Gated Head Regulators From RD: 205+000 to 283+000 of BRBD Link Canal of Chakbandi Division Lahore, Pkg-A (At RD 210+000 Defence Head Regulator- Stilling Basin Wall R/S 2nd Portion)

Our Ref. No. CL/CED/ 4562

Dated: 29/3/2024

Test Specification

Your Ref. No. 76/66-G

Dated: 21/3/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 26/03/2024 Tested on: 29/3/2024 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	4000 Psi	22	2	2024	6Diax12	---	14	28.28	44	3485	---	Non Engraved
2	4000 Psi	22	2	2024	6Diax12	---	14	28.28	40	3168	---	Non Engraved
3	4000 Psi	22	2	2024	6Diax12	---	14.2	28.28	44	3485	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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6933
 Dr. Umbreen

To: Sub Divisional Officer
 Link Sub Division, Lahore

Project: Const. of Gated Head Regulators From RD: 205+000 to 283+000 of BRBD Link Canal of Chakbandi Division Lahore, Pkg-B (At RD 233+000 Defence Head Regulator- Circular Wall Upstream 1st Portion)

Our Ref. No. CL/CED/ 4563

Dated: 29/3/2024

Test Specification

Your Ref. No. 77/66-G

Dated: 22/3/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 26/03/2024 Tested on: 29/3/2024 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	4000 Psi	23	2	2024	6Diax12	---	14.6	28.28	46	3644	---	Non Engraved
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3	4000 Psi	23	2	2024	6Diax12	---	14.4	28.28	48	3802	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Civil Engineering Department

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6930
Dr. Umbreen

To: Mr. M. Usman Rauf
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd.
Project: Restoration of Road Cut at Muslim Road Link Sanda Road in Data Gunj Bakhsh Zone, Lahore (MCL Projects)
Our Ref. No. CL/CED/ 4564 Dated: 29/3/2024 Test Specification
Your Ref. No. 4084/103/MUR/104/1807 Dated: 13/3/2024 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 26/03/2024 Tested on: 29/3/2024 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	---	9	2	2024	6Diax12	---	12.2	28.28	32	2535	---	Non Engraved
2	---	9	2	2024	6Diax12	---	12	28.28	26	2059	---	Non Engraved
3	---	9	2	2024	6Diax12	---	12	28.28	34	2693	---	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

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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.

6946
Dr. Umbreen

To: Mr. Muhammad Jan
Senior Site Inspector, Designmen Consulting Engineers (Pvt) Ltd

Project: Site of Allama Iqbal Open University, Regional Campus Sheikhupura.

Our Ref. No. CL/CED/ 4565

Dated: 29/3/2024

Test Specification

Your Ref. No. P-348/2022/AIOU-SKP/LAB/11

Dated: 25/3/2024

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 27/03/2024 Tested on: 29/3/2024 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	---	19	3	2024	6x6x6	---	8.2	36	68	4231	---	Non Engraved
2	---	19	3	2024	6x6x6	---	8.4	36	82	5102	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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

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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



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.

6949
Dr. Umbreen

To: Mr. GOHER ABBAS
Proprietor, Five Star Construction Co.

Project: Construction of RUSF Building, Mayfair

Our Ref. No. CL/CED/ 4566

Dated: 29/3/2024

Test Specification

Your Ref. No. Nil

Dated: Nil

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 27/03/2024 Tested on: 29/3/2024 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	Foundation / Footing (3750 Psi)	21	2	2024	6x6x6	---	8	36	70	4356	---	Non Engraved
2	Column (4350 Psi)	21	2	2024	6x6x6	---	8.4	36	84	5227	---	Non Engraved
3	Footing (3750 Psi)	27	2	2024	6x6x6	---	8.4	36	76	4729	---	Engraved
4	Column (4350 Psi)	27	2	2024	6x6x6	---	8.6	36	78	4853	---	Engraved
5	Footing (3750 Psi)	22	2	2024	6x6x6	---	8.8	36	79	4916	---	Engraved
6	Footing (3750 Psi)	13	2	2024	6x6x6	---	8.2	36	78	4853	---	Engraved
7	Column (4350 Psi)	16	2	2024	6x6x6	---	7.8	36	54	3360	---	Engraved
8	Footing (3750 Psi)	16	2	2024	6x6x6	---	8	36	50	3111	---	Engraved
9	---	---	---	---	---	---	---	---	---	---	---	---
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" 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.

6939
 Dr. Umbreen

To: CW Manager
 ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11 Islamabad

Project: Site ID: MOT-M1-JR8 & Structure (COLUMN & DG)

Our Ref. No. CL/CED/ 4567

Dated: 29/3/2024

Test Specification

Your Ref. No. Nil

Dated: Nil

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 27/03/2024 Tested on: 29/3/2024 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	(1:1.5:3 & 1:4:8)	26	2	2024	6x6x6	---	8.6	36	100	6222	---	Non Engraved
2	(1:1.5:3 & 1:4:8)	26	2	2024	6x6x6	---	7.8	36	80	4978	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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" dia x 12" cylinder) strength at 28 days as compressive strength

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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



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.

6939
Dr. Umbreen

To: CW Manager
ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11 Islamabad

Project: Site ID: MOT-M1-JR8 & Structure (RAFT & SOLAR)

Our Ref. No. CL/CED/ 4568

Dated: 29/3/2024

Test Specification

Your Ref. No. Nil

Dated: Nil

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 27/03/2024 Tested on: 29/3/2024 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	(1:1.5:3 & 1:4:8)	24	2	2024	6x6x6	---	8.4	36	40	2489	---	Non Engraved
2	(1:1.5:3 & 1:4:8)	24	2	2024	6x6x6	---	8.2	36	95	5911	---	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-reports1/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

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

6907
 Dr. Umbreen

To: Mr. Junaid Ur Rehman
 Assistant Resident Engineer, NESPAK (Pvt) Ltd, PRSWSSP, Ahmedpur Sial
 Project: Punjab Rural Sustainable Water Supply and Sanitation Project (PRSWSSP),(Package-APS-01 & APS-02)
 Our Ref. No. CL/CED/ 4569 Dated: 29-03-24 Test Specification
 Your Ref. No. PRSWSSP/RE/APS/L/1203 Dated: 11-03-24 (ASTM C67)

COMPRESSION TEST REPORT



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

Specimens received on: 21/3/2024 Tested on: 29/3/2024 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	555 A1	---	---	---	4.2 x 4.2 x 2.7	1280	1085	17.64	22	2794	17.97	---
2	555 A2	---	---	---	4.1 x 4.2 x 2.7	1275	1090	17.22	15	1951	16.97	---
3	555 B1	---	---	---	4.1 x 4.3 x 2.7	1450	1200	17.63	13.5	1715	20.83	---
4	555 B2	---	---	---	4.2 x 4.3 x 2.7	1420	1170	18.06	13	1612	21.37	---
5	555 C1	---	---	---	4.4 x 4.3 x 2.8	1525	1300	18.92	15	1776	17.31	---
6	555 C2	---	---	---	4.2 x 4.3 x 2.8	1430	1260	18.06	14	1736	13.49	---
7	555 D1	---	---	---	4.3 x 4.3 x 2.8	1450	1235	18.49	17.5	2120	17.41	---
8	555 D2	---	---	---	4.4 x 4.3 x 2.8	1540	1430	18.92	13	1539	7.69	---
9	555 E1	---	---	---	4.3 x 4.3 x 2.7	1400	1180	18.49	17	2059	18.64	---
10	555 E2	---	---	---	4.3 x 4.3 x 2.7	1550	1310	18.49	7	848	18.32	---
11	555 F1	---	---	---	4.4 x 4.3 x 2.7	1400	1170	18.92	11.5	1362	19.66	---
12	555 F2	---	---	---	4.1 x 4.3 x 2.7	1270	1110	17.63	7	889	14.41	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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



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.

6918
 Dr. Umbreen

To: Mr. Shahzad Munir
 Resident Engineer, University of Narowal, G3 Engineering Consultants (Pvt) Ltd.
 Project: Construction of Commercial Centre, Canteen/Cafeteria & Institute of Health Sciences (Pkg-1) at University of Narowal.
 Our Ref. No. CL/CED/ 4570 Dated: 29/3/2024
 Your Ref. No. G3/UON/REL/237 Dated: 20/3/2024

Test Specification
 (BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 22/3/2024 Tested on: 29/3/2024 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	M*S	---	---	---	8.4 x 4.1 x 2.7	3240	2935	34.44	54	3512	10.39	Machine Made
2	M*S	---	---	---	8.5 x 4.1 x 2.8	3270	2975	34.85	64	4114	9.92	Machine Made
3	M*S	---	---	---	8.4 x 4.1 x 2.7	3025	2750	34.44	42	2732	10	Machine Made
4	M*S	---	---	---	8.5 x 4.1 x 2.7	3185	2815	34.85	50	3214	13.14	Machine Made
5	M*S	---	---	---	8.4 x 4 x 2.7	3080	2815	33.6	50	3333	9.41	Machine Made
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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.

6945
 Dr. Umbreen

To: Mr. Shehzad Ahmed, CEO
 Karsaaz Block & Tiles Factory and Hasnain Construction Services (Pvt) Ltd Sanjwal, Distt. Attock

Project: Nil

Our Ref. No. CL/CED/ 4571

Dated: 29/3/2024

Test Specification

Your Ref. No. Nil

Dated: Nil

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 27/3/2024 Tested on: 29/3/2024 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	Solid Concrete Block	---	---	---	12 x 6 x 7.5	---	18.4	72	36	1120	---	---
2	Solid Concrete Block	---	---	---	11.9 x 6 x 7.5	---	18	71.4	32	1004	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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
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- **** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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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