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.

7722
Dr. Aqsa

To: Mr. M. Yasir Kiani
Resident Engineer (JCP WAHGA), Architecture & Planning Division, Lahore. NESPAK (Pvt.) Ltd.

Project: Expansion of Joint Check Post Wahga, Lahore.

Our Ref. No. CL/CED/ 5848 Dated: 10-09-24

Your Ref. No. 4749/031/YK/01/49 Dated: 27-08-24

Test Specification
(BS 3921**)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 02-09-24 Tested on: 10-09-24 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	BA-2	---	---	---	9 x 4.3 x 3.2	3980	3480	38.7	36	2084	14.37	---
2	BA-2	---	---	---	9 x 4.3 x 3.2	3995	3470	38.7	39	2257	15.13	---
3	BA-2	---	---	---	8.9 x 4.3 x 3	3950	3500	38.27	39	2283	12.86	---
4	BA-2	---	---	---	8.9 x 4.3 x 3.1	3840	3390	38.27	37	2166	13.27	---
5	BA-2	---	---	---	8.9 x 4.3 x 3	3940	3430	38.27	41	2400	14.87	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.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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ORIGINAL
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7758
Dr. Aqsa

To: Sub Divisional Officer
Building Sub Division No.2, Lahore.

Project: Construction of Boundary Wall around Safari Zoo Raiwind Road, Lahore. (Group No.02).
Construction of 3490 RFT Boundary Wall & 3960 Razor Wire.

Our Ref. No. CL/CED/ 5849 Dated: 10-09-24

Your Ref. No. 128 2nd Dated: 17-07-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 06-09-24 Tested on: 10-09-24 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Footing (1:2:4)	15	6	2024	6x6x6	---	8.6	36	58	3609	---	Non Engraved
2	Footing (1:2:4)	15	6	2024	6x6x6	---	9	36	73	4542	---	Non Engraved
3	Plinth Beam (1:2:4)	20	6	2024	6x6x6	---	9	36	83	5164	---	Non Engraved
4	Plinth Beam (1:2:4)	20	6	2024	6x6x6	---	9.6	36	78	4853	---	Non Engraved
5	Columns (1:1.5:3)	22	6	2024	6x6x6	---	9	36	61	3796	---	Non Engraved
6	Columns (1:1.5:3)	22	6	2024	6x6x6	---	9	36	71	4418	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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ORIGINAL
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7782
Dr. M. Yousaf

To: Zimbis Knitwears (Pvt) Ltd.
Bhobatian Chowk Lahore.

Project: Nil

Our Ref. No. CL/CED/ 5850 **Dated:** 10-09-24

Your Ref. No. Nil **Dated:** 10-09-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 10-09-24 **Tested on:** 10-09-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	(3500 Psi)	1	9	2024	6Diax12	---	12.8	28.28	22	1743	---	Non Engraved
2	(3500 Psi)	1	9	2024	6Diax12	---	13	28.28	33	2614	---	Non Engraved
3	(3000 Psi)	1	9	2024	6Diax12	---	13.4	28.28	22	1743	---	Non Engraved
4	(3000 Psi)	1	9	2024	6Diax12	---	13.2	28.28	30	2376	---	Non Engraved
5	(3000 Psi)	1	9	2024	6Diax12	---	13	28.28	31	2455	---	Non Engraved
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Muhammad Aslam, CNIC # 35202-2709393-1

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

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7755
Dr. Aqsa

To: **Dr. Adil Khan**
Resident Engineer, Construction Management Division, NESPAK (Pvt.) Ltd.

Project: Infrastructure Development at CBD Walton Phase 2 & 3 (Landscape, Hardscape, Electrical and Allied Works Package). (Contractor: M/s Habib Construction Services Limited)

Our Ref. No. CL/CED/ 5851-1 of 3 **Dated: 10-09-24** **Test Specification**

Your Ref. No. 4322/13/DAK/02/21 **Dated: 04-09-24** **(----)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 05-09-24 **Tested on:** 10-09-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Edge Stone	---	---	---	11.9 x 4 x 7.9	---	12.6	47.6	31	1459	---	---
2	Edge Stone	---	---	---	11.9 x 4 x 7.8	---	12.8	47.6	40	1882	---	---
3	Edge Stone	---	---	---	11.9 x 4 x 8	---	12.2	47.6	42	1976	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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Dr. Aqsa

To: **Dr. Adil Khan**
Resident Engineer, Construction Management Division, NESPAK (Pvt.) Ltd.

Project: Infrastructure Development at CBD Walton Phase 2 & 3 (Landscape, Hardscape, Electrical and Allied Works Package). (Contractor: M/s Habib Construction Services Limited)

Our Ref. No. CL/CED/ 5851-2 of 3 **Dated: 10-09-24** **Test Specification**

Your Ref. No. 4322/13/DAK/02/21 **Dated: 04-09-24** **(----)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 05-09-24 **Tested on:** 10-09-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Kerb Stone	---	---	---	5 x 5 x 4.9	---	6.6	25	42	3763	---	Cut Cube
2	Kerb Stone	---	---	---	5 x 5 x 4.9	---	6.6	25	46	4122	---	Cut Cube
3	Kerb Stone	---	---	---	5 x 5 x 4.9	---	6	25	47	4211	---	Cut Cube
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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Dr. Aqsa

To: Dr. Adil Khan
Resident Engineer, Construction Management Division, NESPAK (Pvt.) Ltd.

Project: Infrastructure Development at CBD Walton Phase 2 & 3 (Landscape, Hardscape, Electrical and Allied Works Package). (Contractor: M/s Habib Construction Services Limited)

Our Ref. No. CL/CED/ 5851-3 of 3 Dated: 10-09-24 Test Specification

Your Ref. No. 4322/13/DAK/02/21 Dated: 04-09-24 (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 05-09-24 Tested on: 10-09-24 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	P.C.C Tile, Ivory	---	---	---	8 x 4 x 1.6	---	1875	32	100	7000	---	Cut Piece
2	P.C.C Tile, Ivory	---	---	---	8 x 4 x 1.6	---	1895	32	128	8960	---	Cut Piece
3	P.C.C Tile, Ivory	---	---	---	8 x 4 x 1.6	---	1890	32	113	7910	---	Cut Piece
4	P.C.C Tile, Red	---	---	---	8 x 4 x 1.6	---	1865	32	138	9660	---	Cut Piece
5	P.C.C Tile, Red	---	---	---	8 x 4 x 1.6	---	1870	32	134	9380	---	Cut Piece
6	P.C.C Tile, Red	---	---	---	8 x 4 x 1.6	---	1855	32	141	9870	---	Cut Piece
7	P.C.C Tile, Pink	---	---	---	8 x 4 x 1.5	---	1890	32	149	10430	---	Cut Piece
8	P.C.C Tile, Pink	---	---	---	8 x 4 x 1.5	---	1815	32	115	8050	---	Cut Piece
9	P.C.C Tile, Pink	---	---	---	8 x 4 x 1.5	---	1905	32	135	9450	---	Cut Piece
10	P.C.C Tile, Beige	---	---	---	8 x 4 x 1.5	---	1805	32	143	10010	---	Cut Piece
11	P.C.C Tile, Beige	---	---	---	8 x 4 x 1.5	---	1820	32	154	10780	---	Cut Piece
12	P.C.C Tile, Beige	---	---	---	8 x 4 x 1.5	---	1810	32	153	10710	---	Cut Piece
13	P.C.C Tile, Grey	---	---	---	8 x 4 x 1.7	---	1910	32	102	7140	---	Cut Piece
14	P.C.C Tile, Grey	---	---	---	8 x 4 x 1.7	---	1940	32	125	8750	---	Cut Piece
15	P.C.C Tile, Grey	---	---	---	8 x 4 x 1.7	---	1870	32	91	6370	---	Cut Piece
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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7757
Dr. Aqsa

To: **Ittefaq Building Solutions Pvt. Ltd.**
189-190, Commercial Area, Airline Society, Khayaban-e-Jinnah, Lahore.

Project: Construction of Learning Alliance School. (Location: Basement Hall)

Our Ref. No. CL/CED/ 5852 **Dated: 10-09-24**

Your Ref. No. Nil **Dated: 06-09-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 06-09-24 **Tested on:** 10-09-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Stairs Slab (3000 Psi)	29	8	2024	6Diax12	---	13.6	28.28	53	4198	---	Non Engraved
2	Stairs Slab (3000 Psi)	29	8	2024	6Diax12	---	14	28.28	38	3010	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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7757
Dr. Aqsa

To: Ittefaq Building Solutions Pvt. Ltd.
189-190, Commercial Area, Airline Society, Khayaban-e-Jinnah, Lahore.

Project: Construction of Learning Alliance School. (Location: Grid 01, 02, 03, Line B to F)

Our Ref. No. CL/CED/ 5853 **Dated:** 10-09-24

Your Ref. No. Nil **Dated:** 06-09-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 06-09-24 **Tested on:** 10-09-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Slab Low B, First Floor (3000 Psi)	19	8	2024	6Diax12	---	13	28.28	21	1663	---	Non Engraved
2	Slab Low B, First Floor (3000 Psi)	19	8	2024	6Diax12	---	14	28.28	24	1901	---	Non Engraved
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Witnessed by:

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

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

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.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.

7756
Dr. Aqsa

To: **Ittefaq Building Solutions Pvt. Ltd.**
189-190, Commercial Area, Airline Society, Khayaban-e-Jinnah, Lahore.

Project: Constrution of Learning Alliance School. (Location: Grid 03, 04, 05 Line G)

Our Ref. No. CL/CED/ 5854 **Dated: 10-09-24**

Your Ref. No. Nil **Dated: 06-09-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 06-09-24 **Tested on:** 10-09-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Columns (4500 Psi)	7	8	2024	6Diax12	---	13.4	28.28	39	3089	---	Non Engraved
2	Columns (4500 Psi)	7	8	2024	6Diax12	---	14	28.28	47	3723	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.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.

7756
Dr. Aqsa

To: **Ittefaq Building Solutions Pvt. Ltd.**
189-190, Commercial Area, Airline Society, Khayaban-e-Jinnah, Lahore.

Project: Construction of Learning Alliance School.

Our Ref. No. CL/CED/ 5855 **Dated: 10-09-24**

Your Ref. No. Nil **Dated: 06-09-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 06-09-24 **Tested on:** 10-09-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Ground Floor Slab (3000 Psi)	6	8	2024	6Diax12	---	13.4	28.28	35	2772	---	Non Engraved
2	Ground Floor Slab (3000 Psi)	6	8	2024	6Diax12	---	13	28.28	35	2772	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.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.

7772
Dr. Aqsa

To: Assistant Executive Engineer-II
CCD, PAK. PWD. Gujranwala.

Project: Establishment of Commandant Office at NHMP Training College Sheikhupura. (Phase-III) (Deposit Work)

Our Ref. No. CL/CED/ 5856 Dated: 10-09-24

Your Ref. No. AEE/CCD/GA/Work/NHMP/P-III/Lab/54 Dated: 12-08-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 09-09-24 Tested on: 10-09-24 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Short Column	4	7	2024	6Diax12	---	12.4	28.28	23	1822	---	Engraved
2	Short Column	4	7	2024	6Diax12	---	13	28.28	26	2059	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.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.

7772
Dr. Aqsa

To: Assistant Executive Engineer-II
CCD, PAK. PWD. Gujranwala

Project: Establishment of Commandant Office at NHMP Training College Sheikhupura. (Phase-III) (Deposit Work)

Our Ref. No. CL/CED/ 5857 **Dated:** 10-09-24

Your Ref. No. AEE/CCD/GA/Work/NHMP/P-III/Lab/52 **Dated:** 12-08-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 09-09-24 **Tested on:** 10-09-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Raft Foundation	16	6	2024	6Diax12	---	12.6	28.28	33	2614	---	Engraved
2	Raft Foundation	16	6	2024	6Diax12	---	13	28.28	31	2455	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.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.

7760
Dr. Aqsa

To: Captain (R) Ali Abbas Hashmi
Project Manager, 7 Canal Developers

Project: 7 Canal Residential Apartment Buildings.

Our Ref. No. CL/CED/ 5858 **Dated: 10-09-24**

Your Ref. No. Nil **Dated: 06-09-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 06-09-24 **Tested on:** 10-09-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	---	31	8	2024	6Diax12	---	15	28.28	56	4436	---	Non Engraved
2	---	31	8	2024	6Diax12	---	14.8	28.28	56	4436	---	Non Engraved
3	---	31	8	2024	6Diax12	---	14.8	28.28	56	4436	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Shabbir Hussain, CNIC # 35202-3135814-3

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.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.

7775
Dr. Aqsa

To: Sub Divisional Officer
Buildings Sub Division, Narowal

Project: Construction of District Office CTD Narowal ADP # 4916 for the Year 2023-24

Our Ref. No. CL/CED/ 5859 **Dated: 10-09-24**

Your Ref. No. 388/NL **Dated: 30-08-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 09-09-24 **Tested on:** 10-09-24 **in dry/wet condition**

ONLINE REPORT

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	(1:2:4)	15	7	2024	6Diax12	---	13	28.28	57	4515	---	Non Engraved
2	(1:2:4)	15	7	2024	6Diax12	---	13.4	28.28	64	5069	---	Non Engraved
3	(1:2:4)	15	7	2024	6Diax12	---	13	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/

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

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.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
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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.

7752
Dr. Aqsa

To: Sub Divisional Officer
Buildings Sub Division Nankana Sahib

Project: Construction of DPO Office Nankana Sahib

Our Ref. No. CL/CED/ 5860 **Dated: 10-09-24**

Your Ref. No. 770/SDO/BSD/NNS **Dated: 17-07-24**

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 05-09-24 **Tested on:** 10-09-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	O.H.R (1:2:4)	18	6	2024	6x6x6	---	9.6	36	92	5724	---	Non Engraved
2	O.H.R (1:2:4)	18	6	2024	6x6x6	---	9	36	93	5787	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** 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

1.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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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.

7752
Dr. Aqsa

To: Sub Divisional Officer
Buildings Sub Division Nankana Sahib

Project: Construction of DPO Office Nankana Sahib

Our Ref. No. CL/CED/ 5861 **Dated: 10-09-24**

Your Ref. No. 749/SDO/BSD/NNS **Dated: 12-07-24**

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 05-09-24 **Tested on:** 10-09-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Roof Slab (1:2:4)	13	6	2024	6x6x6	---	9	36	62	3858	---	Non Engraved
2	Roof Slab (1:2:4)	13	6	2024	6x6x6	---	9.4	36	85	5289	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.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.

7763
Dr. Aqsa

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

Project: Rehabilitation of PCC Taimoor Street Tariq Block Main Rasheed Road UC-143 Wahga Zone MC Lahore. (MCL Projects)

Our Ref. No. CL/CED/ 5862 Dated: 10-09-24

Your Ref. No. 4084/103/MUR/104/1896 Dated: 03-09-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 06-09-24 Tested on: 10-09-24 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	---	27	7	2024	6x6x6	---	9	36	53	3298	---	Non Engraved
2	---	27	7	2024	6x6x6	---	9	36	48	2987	---	Non Engraved
3	---	27	7	2024	6x6x6	---	8.8	36	65	4044	---	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/

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

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.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.

7773
Dr. Aqsa

To: Mr. Muhammad Tufail
Construction Team Leader, Lahore Office, Zor Engineers Pvt. Ltd.

Project: Construction of School Building , Hamdard Chowk, Lahore. (New Hope Christian Ministries)

Our Ref. No. CL/CED/ 5863 Dated: 10-09-24

Your Ref. No. 230.45.1/MT/3 Dated: 06-09-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 09-09-24 Tested on: 10-09-24 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	2nd Floor Slab (1:2:4)	12	8	2024	6x6x6	---	8.6	36	42	2613	---	Engraved
2	2nd Floor Slab (1:2:4)	12	8	2024	6x6x6	---	9	36	35	2178	---	Engraved
3	2nd Floor Slab (1:2:4)	12	8	2024	6x6x6	---	9	36	43	2676	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.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.

7767
Dr. Aqsa

To: Engr. M. Imran
Resident Engineer, Master Consulting Engineers Pvt. Ltd.

Project: Construction of 7-Storey Residential Block Having Minimum 100 Rooms with Attached Bathroom Facilities at Gurdwara Janamasthan Nankana Sahib

Our Ref. No. CL/CED/ 5864 Dated: 10-09-24

Your Ref. No. NKB/RE/MCE/RCC/15 Dated: 05-09-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 09-09-24 Tested on: 10-09-24 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Columns F & P (1:1:2)	12	8	2024	6x6x6	---	9.2	36	126	7840	---	Engraved
2	Columns F & P (1:1:2)	12	8	2024	6x6x6	---	9.2	36	135	8400	---	Engraved
3	Columns F & P (1:1:2)	12	8	2024	6x6x6	---	9.2	36	103	6409	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
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1.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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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

7732
Dr. Aqsa

To: Engr. Saeed Ahmad
Resident Engineer, Master Consulting Engineers Pvt. Ltd.

Project: Revamping of Services Hospital Lahore, Group No. 3 (Admin Block)

Our Ref. No. CL/CED/ 5865 Dated: 10-09-24

Your Ref. No. Revamping/Services/Camp/75 Dated: 27-07-24

Test Specification
(BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 03-09-24 Tested on: 10-09-24 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	M	---	---	---	8.8 x 4.4 x 2.8	3600	3240	38.72	51	2950	11.11	---
2	M	---	---	---	8.9 x 4.2 x 2.8	3640	3305	37.38	43	2577	10.14	---
3	M	---	---	---	8.9 x 4.2 x 3	3950	3370	37.38	44	2637	17.21	---
4	M	---	---	---	8.8 x 4.4 x 2.8	3590	3120	38.72	36	2083	15.06	---
5	M	---	---	---	9 x 4.4 x 3	3875	3375	39.6	44	2489	14.81	---
6	M	---	---	---	8.9 x 4.3 x 3	3780	3290	38.27	45	2634	14.89	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

7733
Dr. Aqsa

To: Mr. Rashid Karman
Resident Engineer, Construction Management Division. NESPAK Pvt. Ltd.

Project: Improvement of Infrastructutre in Mohlanwal Housing Scheme Lahore (Package-1)

Our Ref. No. CL/CED/ 5866 **Dated:** 10-09-24

Your Ref. No. 2599/13/RK/05/MWL/P-1/241 **Dated:** 02-09-24

Test Specification
(----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 03-09-24 **Tested on:** 10-09-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2895	29.64	106	8011	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2865	29.64	121	9144	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2890	29.64	101	7633	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3605	29.64	89	6726	---	---
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3485	29.64	79	5970	---	---
6	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3790	29.64	99	7482	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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