



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.

5243
 Dr. M. Yousaf

To: Engr. Mazhar Amin
 E&dc Associates

Project: Construction of Additional Girls Hostel and House Officers Hostel at CKMC, Kharian Cantt.

Our Ref. No. CL/CED/ 1936

Dated: 19-05-23

Test Specification

Your Ref. No. E&dc-080/09

Dated: 18-05-23

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **18-05-23** Tested on: **19-05-23** 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	G.F Col. of A.G.H (3000 Psi)	28	3	2023	6Diax12	---	13.2	28.28	21	1663	---	Engraved
2	G.F Col. of A.G.H (3000 Psi)	28	3	2023	6Diax12	---	13.2	28.28	21	1663	---	Engraved
3	G.F Col. of A.G.H (3000 Psi)	5	4	2023	6Diax12	---	12.6	28.28	36	2851	---	Engraved
4	G.F Col. of A.G.H (3000 Psi)	5	4	2023	6Diax12	---	12.6	28.28	37	2931	---	Engraved
5	G.F Slab of A.G.H (3000 Psi)	18	4	2023	6Diax12	---	13.4	28.28	58	4594	---	Engraved
6	G.F Slab of A.G.H (3000 Psi)	18	4	2023	6Diax12	---	13.4	28.28	66	5228	---	Engraved
7	G.F Slab of A.G.H (3000 Psi)	18	4	2023	6Diax12	---	13.4	28.28	50	3960	---	Engraved
8	F.F Col. of H.O.H (3000 Psi)	16	4	2023	6Diax12	---	13.2	28.28	43	3406	---	Engraved
9	F.F Col. of H.O.H (3000 Psi)	16	4	2023	6Diax12	---	13.2	28.28	69	5465	---	Non Engraved
10	F.F Col. of H.O.H (3000 Psi)	19	4	2023	6Diax12	---	13.4	28.28	40	3168	---	Non Engraved
11	F.F Col. of H.O.H (3000 Psi)	19	4	2023	6Diax12	---	13.2	28.28	56	4436	---	Non Engraved
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

5249
 Dr. M. Yousaf

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

Project: Construction of Commercial Tower, Finance Trade Centre Lahore.

Our Ref. No. CL/CED/ 1937

Dated: 19/5/2023

Test Specification

Your Ref. No. HMBDPL/S.O/05/23/40th (LHR)

Dated: 19/5/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 19-05-23 **Tested on:** 19/5/2023 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	4500 Psi	18	4	2023	6Diax12	---	13.6	28.28	76	6020	---	Non Engraved
2	4500 Psi	18	4	2023	6Diax12	---	14	28.28	84	6653	---	Non Engraved
3	4500 Psi	18	4	2023	6Diax12	---	13.6	28.28	67	5307	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Raheel Ihtisham; CNIC 35201-6604328-3

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



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

5160
 Dr. M. Yousaf

To: Mr. Muhammad Irfan
 Material Engineer, Banu Mukhtar

Project: Burj-1 by AJWA Builders

Our Ref. No. CL/CED/ 1938

Dated: 19/5/2023

Test Specification

Your Ref. No. DOC-BMC/AJWA/050

Dated: 02-05-23

(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 02-05-23 **Tested on:** 19/5/2023 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	Col.#02 Grids#F/8 & G/8 (Bsmnt#4)	17	4	2023	6Diax12	---	13.2	28.28	94	7446	---	Non Engraved
2	Col.#02 Grids#F/8 & G/8 (Bsmnt#4)	17	4	2023	6Diax12	---	13.6	28.28	89	7050	---	Non Engraved
3	Col.#02 Grids#F/8 & G/8 (Bsmnt#4)	17	4	2023	6Diax12	---	14	28.28	115	9109	---	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-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

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5160
 Dr. M. Yousaf

To: Mr. Muhammad Irfan
 Material Engineer, Banu Mukhtar

Project: Burj-1 by AJWA Builders

Our Ref. No. CL/CED/ 1939

Dated: 19/5/2023

Test Specification

Your Ref. No. DOC-BMC/AJWA/051

Dated: 02-05-23

(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 02-05-23 **Tested on:** 19/5/2023 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	Shear Wall #02 Grids # C~D/2~2a	18	4	2023	6Diax12	---	13.4	28.28	66	5228	---	Non Engraved
2	Shear Wall #02 Grids # C~D/2~2a	18	4	2023	6Diax12	---	14	28.28	78	6178	---	Non Engraved
3	Shear Wall #02 Grids # C~D/2~2a	18	4	2023	6Diax12	---	14.2	28.28	101	8000	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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)
- ** 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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ORIGINAL
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5160
 Dr. M. Yousaf

To: Mr. Muhammad Irfan
 Material Engineer, Banu Mukhtar

Project: Burj-1 by AJWA Builders

Our Ref. No. CL/CED/ 1940

Dated: 19/5/2023

Test Specification

Your Ref. No. DOC-BMC/AJWA/052

Dated: 02-05-23

(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 02-05-23 **Tested on:** 19/5/2023 **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	Raft (Pour#01) Grid# E~J/6~10	15	4	2023	6Diax12	---	13.6	28.28	81	6416	---	Non Engraved
2	Raft (Pour#01) Grid# E~J/6~10	15	4	2023	6Diax12	---	13.6	28.28	56	4436	---	Non Engraved
3	Raft (Pour#01) Grid# E~J/6~10	15	4	2023	6Diax12	---	14	28.28	47	3723	---	Non Engraved
4	Raft (Pour#01) Grid# E~J/6~10	15	4	2023	6Diax12	---	13.6	28.28	62	4911	---	Non Engraved
5	Raft (Pour#01) Grid# E~J/6~10	15	4	2023	6Diax12	---	14	28.28	80	6337	---	Non Engraved
6	Raft (Pour#01) Grid# E~J/6~10	15	4	2023	6Diax12	---	14	28.28	48	3802	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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11	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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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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ORIGINAL
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5160
 Dr. M. Yousaf

To: Mr. Muhammad Irfan
 Material Engineer, Banu Mukhtar

Project: Burj-1 by AJWA Builders

Our Ref. No. CL/CED/ 1941

Dated: 19/5/2023

Test Specification

Your Ref. No. DOC-BMC/AJWA/053

Dated: 02-05-23

(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 02-05-23 **Tested on:** 19/5/2023 **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	Raft of Rain Water Grid # E~D/9~10	2	4	2023	6Diax12	---	13.2	28.28	74	5861	---	Non Engraved
2	Raft of Rain Water Grid # E~D/9~10	2	4	2023	6Diax12	---	13.2	28.28	84	6653	---	Non Engraved
3	Raft of Rain Water Grid # E~D/9~10	2	4	2023	6Diax12	---	13	28.28	76	6020	---	Non Engraved
4	Raft of Rain Water Grid # E~D/9~10	2	4	2023	6Diax12	---	13.2	28.28	77	6099	---	Non Engraved
5	Raft of Rain Water Grid # E~D/9~10	2	4	2023	6Diax12	---	13	28.28	76	6020	---	Non Engraved
6	Raft of Rain Water Grid # E~D/9~10	2	4	2023	6Diax12	---	13.2	28.28	74	5861	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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- ** 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



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

5205
 Dr. M. Yousaf

To: Sub Divisional Officer
 Buildings Sub Division No. 15, Lahore
 Project: Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District, Lahore.
 Our Ref. No. CL/CED/ 1942 Dated: 19/5/2023
 Your Ref. No. No. 3090 Dated: 26/4/2023

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **09-05-23** Tested on: **19/5/2023** 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	Upper Basement Col. (5000 Psi)	21	3	2023	6Diax12	---	13	28.28	67	5307	---	Non Engraved
2	Upper Basement Col. (5000 Psi)	21	3	2023	6Diax12	---	12.8	28.28	58	4594	---	Non Engraved
3	Upper Basement Col. (5000 Psi)	21	3	2023	6Diax12	---	13	28.28	73	5782	---	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)
- ** 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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Director/Dy. Director Concrete Laboratory



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

5205
 Dr. M. Yousaf

To: Sub Divisional Officer
 Buildings Sub Division No. 15, Lahore
 Project: Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District, Lahore
 Our Ref. No. CL/CED/ 1943 Dated: 19/5/2023
 Your Ref. No. No. 3086 Dated: 26/4/2023

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **09-05-23** Tested on: **19/5/2023** 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	R.W Upper Bsmnt (3000 Psi)	24	3	2023	6Diax12	---	13.2	28.28	79	6257	---	Non Engraved
2	R.W Upper Bsmnt (3000 Psi)	24	3	2023	6Diax12	---	13.2	28.28	82	6495	---	Non Engraved
3	R.W Upper Bsmnt (3000 Psi)	24	3	2023	6Diax12	---	14	28.28	68	5386	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
- **** 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.

5205
 Dr. M. Yousaf

To: Sub Divisional Officer
 Buildings Sub Division No. 15, Lahore
 Project: Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District, Lahore
 Our Ref. No. CL/CED/ 1944 Dated: 19/5/2023
 Your Ref. No. No. 3088 Dated: 26/4/2023

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **09-05-23** Tested on: **19/5/2023** 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	Shear Wall (5000 Psi)	25	3	2023	6Diax12	---	13.6	28.28	82	6495	---	Non Engraved
2	Shear Wall (5000 Psi)	25	3	2023	6Diax12	---	12.8	28.28	64	5069	---	Non Engraved
3	Shear Wall (5000 Psi)	25	3	2023	6Diax12	---	13.6	28.28	81	6416	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

5190
 Dr. M. Yousaf

To: PRO-CON
 New Airport Road, Lahore Cantt.

Project: Nil

Our Ref. No. CL/CED/ 1945

Dated: 19/5/2023

Test Specification

Your Ref. No. Nil

Dated: 09-05-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 09-05-23 **Tested on:** 19/5/2023 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	11	4	2023	6Diax12	---	12.8	28.28	20	1584	---	Non Engraved
2	3000 Psi	11	4	2023	6Diax12	---	12.8	28.28	26	2059	---	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-reports1/>

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

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

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

5236
 Dr. M. Yousaf

To: Mr. Muhammad Irfan
 Material Engineer, Banu Mukhtar Contracting (Pvt.) Ltd.

Project: Burj-1 AJWA Builders

Our Ref. No. CL/CED/ 1946

Dated: 19/5/2023

Test Specification

Your Ref. No. DOC-BMC/AJWA/059

Dated: 15/5/2023

(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 17/5/2023 **Tested on:** 19/5/2023 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	Col.# 01 Grids# D/4(Main Bldg)	12	4	2023	6Diax12	---	14	28.28	109	8634	---	Non Engraved
2	Col.# 01 Grids# D/4(Main Bldg)	12	4	2023	6Diax12	---	14	28.28	125	9901	---	Non Engraved
3	Col.# 01 Grids# D/4(Main Bldg)	12	4	2023	6Diax12	---	14.2	28.28	115	9109	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

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

5236
 Dr. M. Yousaf

To: Mr. Muhammad Irfan
 Material Engineer, Banu Mukhtar Contracting (Pvt.) Ltd.

Project: Burj-1 AJWA Builders

Our Ref. No. CL/CED/ 1947

Dated: 19/5/2023

Test Specification

Your Ref. No. DOC-BMC/AJWA/062

Dated: 15/5/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 17/5/2023 **Tested on:** 19/5/2023 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	Raft#08 Grids# E-G'9~10 (Zone#2)	15	4	2023	6Diax12	---	14	28.28	85	6733	---	Non Engraved
2	Raft#08 Grids# E-G'9~10 (Zone#2)	15	4	2023	6Diax12	---	14	28.28	61	4832	---	Non Engraved
3	Raft#08 Grids# E-G'9~10 (Zone#2)	15	4	2023	6Diax12	---	13	28.28	90	7129	---	Non Engraved
4	Raft#08 Grids# E-G'9~10 (Zone#2)	15	4	2023	6Diax12	---	13.6	28.28	52	4119	---	Non Engraved
5	Raft#08 Grids# E-G'9~10 (Zone#2)	15	4	2023	6Diax12	---	14	28.28	74	5861	---	Non Engraved
6	Raft#08 Grids# E-G'9~10 (Zone#2)	15	4	2023	6Diax12	---	14	28.28	73	5782	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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
- **** 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.

5236
 Dr. M. Yousaf

To: Mr. Muhammad Irfan
 Material Engineer, Banu Mukhtar Contracting (Pvt.) Ltd.

Project: Burj-1 AJWA Builders

Our Ref. No. CL/CED/ 1948

Dated: 19/5/2023

Test Specification

Your Ref. No. DOC-BMC/AJWA/064

Dated: 16/5/2023

(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 17/5/2023 **Tested on:** 19/5/2023 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	Shear Wall#02 Grids# C-D/2-2a	18	4	2023	6Diax12	---	14	28.28	78	6178	---	Non Engraved
2	Shear Wall#02 Grids# C-D/2-2a	18	4	2023	6Diax12	---	14	28.28	60	4752	---	Non Engraved
3	Shear Wall#02 Grids# C-D/2-2a	18	4	2023	6Diax12	---	13.6	28.28	107	8475	---	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
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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.

5236
 Dr. M. Yousaf

To: Mr. Muhammad Irfan
 Material Engineer, Banu Mukhtar Contracting (Pvt.) Ltd.

Project: Burj-1 AJWA Builders

Our Ref. No. CL/CED/ 1949

Dated: 19/5/2023

Test Specification

Your Ref. No. DOC-BMC/AJWA/060

Dated: 15/5/2023

(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 17/5/2023 **Tested on:** 19/5/2023 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	Columns#02 Grids# F/4 & G/8	17	4	2023	6Diax12	---	14	28.28	108	8554	---	Non Engraved
2	Columns#02 Grids# F/4 & G/8	17	4	2023	6Diax12	---	14	28.28	130	10297	---	Non Engraved
3	Columns#02 Grids# F/4 & G/8	17	4	2023	6Diax12	---	13.6	28.28	112	8871	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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- 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.

5207
 Dr. M. Yousaf

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

Project: Structure (DG, RAFT, SOLAR & COLUMN)

Our Ref. No. CL/CED/ 1950

Dated: 19/5/2023

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: **15/5/2023** Tested on: **19/5/2023** 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	Site 22 O (1:1.5:3 and 1:4:8)	23	3	2023	6x6x6	---	8	36	107	6658	---	Non Engraved
2	Site 22 O (1:1.5:3 and 1:4:8)	23	3	2023	6x6x6	---	8.2	36	108	6720	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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

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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.

5207
 Dr. M. Yousaf

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

Project: Structure (RAFT, COLUMN, DG & SOLAR)

Our Ref. No. CL/CED/ 1951

Dated: 19/5/2023

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: 15/5/2023 **Tested on:** 19/5/2023 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	Site 25 (1:1.5:3 and 1:4:8)	26	3	2023	6x6x6	---	8	36	114	7093	---	Non Engraved
2	Site 25 (1:1.5:3 and 1:4:8)	26	3	2023	6x6x6	---	8.2	36	99	6160	---	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-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



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.

5207
 Dr. M. Yousaf

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

Project: Structure (RAFT, COLUMN, DG & ODU)

Our Ref. No. CL/CED/ 1952

Dated: 19/5/2023

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: 15/5/2023 **Tested on:** 19/5/2023 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 (1:1.5:3 and 1:4:8)	10	4	2023	6x6x6	---	8.2	36	86	5351	---	Non Engraved
2	9 (1:1.5:3 and 1:4:8)	10	4	2023	6x6x6	---	8.4	36	118	7342	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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)
- ** 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



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.

5207
 Dr. M. Yousaf

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

Project: Structure (RAFT, COLUMN, DG & ODU)

Our Ref. No. CL/CED/ 1953

Dated: 19/5/2023

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: 15/5/2023 **Tested on:** 19/5/2023 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	N-3134 (1:1.5:3 and 1:4:8)	6	4	2023	6x6x6	---	8.2	36	122	7591	---	Non Engraved
2	N-3134 (1:1.5:3 and 1:4:8)	6	4	2023	6x6x6	---	8	36	70	4356	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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)
- ** 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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Civil Engineering Department
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 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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5207
 Dr. M. Yousaf

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

Project: Structure (RAFT, COLUMN, DG & ODU)

Our Ref. No. CL/CED/ 1954

Dated: 19/5/2023

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: 15/5/2023 **Tested on:** 19/5/2023 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	53699 (1:1.5:3 and 1:4:8)	10	4	2023	6x6x6	---	8	36	96	5973	---	Non Engraved
2	53699 (1:1.5:3 and 1:4:8)	10	4	2023	6x6x6	---	8.2	36	111	6907	---	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-reports1/>

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Director/Dy. Director Concrete Laboratory



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5207
 Dr. M. Yousaf

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

Project: Structure (RAFT, COLUMN, DG, ODU & SOLAR)

Our Ref. No. CL/CED/ 1955

Dated: 19/5/2023

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: 15/5/2023 **Tested on:** 19/5/2023 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	Site- 21 (1:1.5:3 and 1:4:8)	20	12	2021	6x6x6	---	8.2	36	78	4853	---	Non Engraved
2	Site- 21 (1:1.5:3 and 1:4:8)	20	12	2021	6x6x6	---	8	36	82	5102	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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5207
 Dr. M. Yousaf

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

Project: Structure (COLUMN, DG, SOLAR & RAFT)

Our Ref. No. CL/CED/ 1956

Dated: 19/5/2023

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: 15/5/2023 **Tested on:** 19/5/2023 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	Rep_e.coPK000646 FT(1:1.5:3&1:4:8)	12	4	2023	6x6x6	---	8	36	77	4791	---	Non Engraved
2	Rep_e.coPK000646 FT(1:1.5:3&1:4:8)	12	4	2023	6x6x6	---	8	36	108	6720	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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 Dr. M. Yousaf

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

Project: Structure (RAFT, COLUMN, DG & SOLAR)

Our Ref. No. CL/CED/ 1957

Dated: 19/5/2023

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: 15/5/2023 **Tested on:** 19/5/2023 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	N-3402 (1:1.5:3 and 1:4:8)	15	4	2023	6x6x6	---	8	36	73	4542	---	Non Engraved
2	N-3402 (1:1.5:3 and 1:4:8)	15	4	2023	6x6x6	---	8	36	108	6720	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Civil Engineering Department
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 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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5207
 Dr. M. Yousaf

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

Project: Structure (RAFT, COLUMN, DG & SOLAR)

Our Ref. No. CL/CED/ 1958

Dated: 19/5/2023

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: 15/5/2023 **Tested on:** 19/5/2023 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	N-3418 (1:1.5:3 and 1:4:8)	14	4	2023	6x6x6	---	8	36	76	4729	---	Non Engraved
2	N-3418 (1:1.5:3 and 1:4:8)	14	4	2023	6x6x6	---	8	36	121	7529	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
- *** 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.

5207
 Dr. M. Yousaf

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

Project: Structure (RAFT, COLUMN, DG & SOLAR)

Our Ref. No. CL/CED/ 1959

Dated: 19/5/2023

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: 15/5/2023 **Tested on:** 19/5/2023 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	N-3412 (1:1.5:3 and 1:4:8)	14	4	2023	6x6x6	---	8	36	89	5538	---	Non Engraved
2	N-3412 (1:1.5:3 and 1:4:8)	14	4	2023	6x6x6	---	8.2	36	73	4542	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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



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.

5207
 Dr. M. Yousaf

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

Project: Structure (RAFT, COLUMN, DG & ODU)

Our Ref. No. CL/CED/ 1960

Dated: 19/5/2023

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: **15/5/2023** Tested on: **19/5/2023** 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	53681 (1:1.5:3 and 1:4:8)	17	4	2023	6x6x6	---	8	36	95	5911	---	Non Engraved
2	53681 (1:1.5:3 and 1:4:8)	17	4	2023	6x6x6	---	8	36	99	6160	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

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

5207
 Dr. M. Yousaf

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

Project: Structure (RAFT, COLUMN, DG & ODU)

Our Ref. No. CL/CED/ 1961

Dated: 19/5/2023

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: **15/5/2023** Tested on: **19/5/2023** 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	N3-2023-15 (1:1.5:3 and 1:4:8)	17	4	2023	6x6x6	---	8	36	86	5351	---	Non Engraved
2	N3-2023-15 (1:1.5:3 and 1:4:8)	17	4	2023	6x6x6	---	8	36	98	6098	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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
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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



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

ORIGINAL
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5207
 Dr. M. Yousaf

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

Project: Structure (COLUMN, DG & ODU)

Our Ref. No. CL/CED/ 1962

Dated: 19/5/2023

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: **15/5/2023** Tested on: **19/5/2023** 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	130 (1:1.5:3 and 1:4:8)	1	5	2023	6x6x6	---	8	36	66	4107	---	Non Engraved
2	130 (1:1.5:3 and 1:4:8)	1	5	2023	6x6x6	---	8.2	36	104	6471	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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
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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
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 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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4799
 Dr. M. Yousaf

To: Engr. Saquib Akram
 Resident Engineer, NESPAK, Singhpura Sports Complex, Lahore; H&T Engg. Division, NESPAK

Project: Establishment of Sports Complex in Singh Pura, Lahore (LDP), NA-122

Our Ref. No. CL/CED/ 1963

Dated: 19/5/2023

Test Specification

Your Ref. No. 3772/103/NA-122/RE/05/11

Dated: 15/2/2023

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **16/2/2023** Tested on: **19/5/2023** 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	T	---	---	---	8.7 x 4.4 x 2.9	3290	3035	38.28	41	2399	8.4	---	
2	T	---	---	---	8.8 x 4.4 x 3	3625	3140	38.72	42	2430	15.45	---	
3	T	---	---	---	8.8 x 4.3 x 3	3735	3270	37.84	47	2782	14.22	---	
4	T	---	---	---	8.9 x 4.3 x 3	3795	3375	38.27	40	2341	12.44	---	
5	T	---	---	---	8.8 x 4.4 x 2.9	3620	3135	38.72	35	2025	15.47	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	
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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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.

5184
 Dr. M. Yousaf

To: Mr. Sarmad Rasheed Khan
 Planning & Coordination Engineer, NETRACON Technologies

Project: WB-05A: Design Study and Installation of 500KV Nowshera (New) Grid Station

Our Ref. No. CL/CED/ 1964

Dated: 19/5/2023

Test Specification

Your Ref. No. NTT-HO/WB05A-120

Dated: 28/4/2023

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **05-05-23** Tested on: **19/5/2023** 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	PR1	---	---	---	8.8 x 4.4 x 2.9	3260	2665	38.72	20	1157	22.33	---	
2	PR1	---	---	---	8.8 x 4.5 x 3	3445	2980	39.6	22	1244	15.6	---	
3	PR1	---	---	---	8.8 x 4.4 x 3.1	3515	2985	38.72	29	1678	17.76	---	
4	PR1	---	---	---	8.8 x 4.4 x 3	3325	2750	38.72	20	1157	20.91	---	
5	PR1	---	---	---	8.8 x 4.4 x 2.9	3380	2780	38.72	23	1331	21.58	---	
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.

5246
 Dr. M. Yousaf

To: Mr. Manohar Lal
 Resident Engineer, Highways and Transportation Engineering Division, NESPAK Pvt. Ltd.
 Project: Dualization of Road from Gujranwala to M-2 Interchange at Kot Sarwar via Hafizabad Km 6.20 to Km 80.35 Length 74.15 Km in District Gujranwala & Hafizabad (Section Km 55.40 ~ 79.35, L = 23.95 Km)
 Our Ref. No. CL/CED/ 1965 Dated: 19/5/2023
 Your Ref. No. SA-466F/103/GH/ML/Lab/75 Dated: 09-05-23

Test Specification
 (----)

COMPRESSION TEST REPORT



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

Specimens received on: 19/5/2023 Tested on: 19/5/2023 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	---	---	---	6.6 x 6.6 x 6.6	---	7.6	43.56	81	4165	---	Cut Cube	
2	Kerb Stone	---	---	---	6.6 x 6.6 x 6.6	---	7.4	43.56	74	3805	---	Cut Cube	
3	Kerb Stone	---	---	---	5.9 x 5.9 x 5.9	---	7.6	34.81	84	5405	---	Cut Cube	
4	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
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Witnessed by: Mr. Muhammad Bilal, M.E NESPAK CNIC # 35201-3788248-5

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

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

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
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ORIGINAL
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5232
 Dr. M. Yousaf

To: Mr. Muhammad Javed, Resident Engineer
 Mascon Associates JV HA Consulting
 Project: Construction of Admin Blocks, Quarter Guards, Accommodation Upper Subordinates in Police Lines Nankana Sahib.
 Our Ref. No. CL/CED/ 1966 Dated: 19/5/2023
 Your Ref. No. MAS-JV-HA/RE/NNS/PL/11 Dated: 08-04-23

Test Specification
 (----)

COMPRESSION TEST REPORT



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

Specimens received on: **17-05-23** Tested on: **19/5/2023** 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	RB	---	---	---	8.8 x 4.4 x 2.9	---	3115	38.72	42	2430	---	---	
2	RB	---	---	---	8.9 x 4.4 x 2.8	---	3005	39.16	30	1716	---	---	
3	---	---	---	---	---	---	---	---	---	---	---	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
8	---	---	---	---	---	---	---	---	---	---	---	---	
9	---	---	---	---	---	---	---	---	---	---	---	---	
10	---	---	---	---	---	---	---	---	---	---	---	---	
11	---	---	---	---	---	---	---	---	---	---	---	---	
12	---	---	---	---	---	---	---	---	---	---	---	---	
13	---	---	---	---	---	---	---	---	---	---	---	---	
14	---	---	---	---	---	---	---	---	---	---	---	---	
15	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	

Witnessed by:

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

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