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.

4923
Dr. M. Yousaf

To: **Mr. Abubakar Jamil**
Site Engineer, ENAARA, 92-B/2, Gulberg III, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 1420 **Dated: 10-03-23** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 9/3/2023 Tested on: 10-03-23 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	Solid Block (AB)	---	---	---	12 x 7.9 x 8	---	27	94.8	28	662	---	---
2	Solid Block (AB)	---	---	---	11.9 x 8 x 8	---	24.8	95.2	17	400	---	---
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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**

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ORIGINAL
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4910
Dr. M. Yousaf

To: **Mr. Muazzam Akram**
Assistant Site Engineer, ZSK Associates

Project: Nil

Our Ref. No. CL/CED/ 1421 **Dated: 10-03-23** **Test Specification**

Your Ref. No. Nil **Dated: 06-03-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 7/03/2023 Tested on: 10-03-23 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	---	12	1	2023	6Diax12	---	13.8	28.28	98	7762	---	Non Engraved
2	---	12	1	2023	6Diax12	---	13.6	28.28	90	7129	---	Non Engraved
3	---	12	1	2023	6Diax12	---	13.6	28.28	90	7129	---	Non Engraved
4	---	12	1	2023	6Diax12	---	14	28.28	71	5624	---	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**

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ORIGINAL
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4902
Dr. M. Yousaf

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

Project: Burj-1 by AJWA Builders (Trial Mix Design)

Our Ref. No. CL/CED/ 1422 **Dated: 10-03-23** **Test Specification**

Your Ref. No. DOC-BMC/AJWA/045 **Dated: 06-03-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 6/03/2023 **Tested on:** 10-03-23 **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	6000 Psi	4	2	2023	6Diax12	---	14	28.28	92	7287	---	Non Engraved
2	6000 Psi	4	2	2023	6Diax12	---	14	28.28	94	7446	---	Non Engraved
3	6000 Psi	4	2	2023	6Diax12	---	14.2	28.28	84	6653	---	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)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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4902
Dr. M. Yousaf

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

Project: Burj-1 by AJWA Builders (B-1 Lift Well #05, Grid # H'-H/4'-5' Lift-03)

Our Ref. No. CL/CED/ 1423 **Dated: 10-03-23** **Test Specification**

Your Ref. No. DOC-BMC/AJWA/047 **Dated: 06-03-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 6/03/2023 **Tested on:** 10-03-23 **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	6000 Psi	6	2	2023	6Diax12	---	13.4	28.28	100	7921	---	Non Engraved
2	6000 Psi	6	2	2023	6Diax12	---	13.4	28.28	65	5149	---	Non Engraved
3	6000 Psi	6	2	2023	6Diax12	---	13.2	28.28	104	8238	---	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
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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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ORIGINAL
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4902
Dr. M. Yousaf

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

Project: Burj-1 by AJWA Builders (Trial Mix Design)

Our Ref. No. CL/CED/ 1424 **Dated: 10-03-23** **Test Specification**

Your Ref. No. DOC-BMC/AJWA/046 **Dated: 06-03-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 6/03/2023 **Tested on:** 10-03-23 **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	5000 Psi	4	2	2023	6Diax12	---	14	28.28	90	7129	---	Non Engraved
2	5000 Psi	4	2	2023	6Diax12	---	14	28.28	82	6495	---	Non Engraved
3	5000 Psi	4	2	2023	6Diax12	---	13.6	28.28	71	5624	---	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
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ORIGINAL
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4921
Dr. M. Yousaf

To: **Engr. M. Waqas**
Project Engineer, DESIGN MATRIX

Project: Nil

Our Ref. No. CL/CED/ 1425 **Dated: 10-03-23** **Test Specification**

Your Ref. No. DM/3000/ES **Dated: 09-03-23** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 9/03/2023 Tested on: 10-03-23 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	---	10	2	2023	6x6x6	---	8.2	36	80	4978	---	Non Engraved
2	---	10	2	2023	6x6x6	---	8.2	36	76	4729	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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ORIGINAL
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4823
Dr. M. Yousaf

To: Divisional Forest Officer
Mianwali Forest Division, Mianwali

Project: Development Project "Establishment of Kundian Forest Park"

Our Ref. No. CL/CED/ 1426 **Dated:** 10-03-23 **Test Specification**

Your Ref. No. DFO/MWI/AC/3725 **Dated:** 17/1/2023 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 21/2/2023 **Tested on:** 10-03-23 **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	K2 Stone	---	---	---	4.0 thick	---	6345	41.92	97	5183	---	---
2	K2 Stone	---	---	---	4.0 thick	---	6430	41.92	118	6305	---	---
3	K2 Stone	---	---	---	4.0 thick	---	6160	41.92	94	5023	---	---
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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4823
Dr. M. Yousaf

To: Divisional Forest Officer
Mianwali Forest Division, Mianwali

Project: Development Project "Establishment of Kundian Forest Park"

Our Ref. No. CL/CED/ 1427 **Dated: 10-03-23** **Test Specification**

Your Ref. No. DFO/MWI/AC/3726 **Dated: 17/01/2023** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 21/2/2023 **Tested on:** 10-03-23 **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	Edging Stone	---	---	---	11.6 x 5.8 x 2.3	---	5870	67.28	158	5260	---	---
2	Edging Stone	---	---	---	11.6 x 5.8 x 2.3	---	5760	67.28	129	4295	---	---
3	Edging Stone	---	---	---	11.7 x 5.8 x 2.3	---	5920	67.86	118	3895	---	---
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
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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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.

4924
Dr. M. Yousaf

To: ENAARA
92-B/2 Gulberg III, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 1428 **Dated:** 10-03-23 **Test Specification**

Your Ref. No. Nil **Dated:** Nil (----)

COMPRESSION TEST REPORT

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

Specimens received on: 03-09-23 **Tested on:** 03-10-23 **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	Solid Block RB	---	---	---	12 x 7.8 x 8	---	29	93.6	87	2082	---	---
2	Solid Block RB	---	---	---	11.9 x 7.9 x 7.8	---	27.5	94.01	84	2001	---	---
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/

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.

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

4909
Dr. M. Yousaf

To: **Mr. Shakeel Salamat**
3A Tiles, Model Town, Lahore.

Project: United Life Style Sky Scrapers.

Our Ref. No. CL/CED/ 1429 **Dated: 10-03-23** **Test Specification**

Your Ref. No. Nil **Dated: 07-03-23** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 07-03-23 Tested on: 10-03-23 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	Hollow Block	---	---	---	15.4 x 3.9 x 8	---	15.4	47.69	26	1221	---	---
2	Hollow Block	---	---	---	15.3 x 4 x 8	---	15	46.79	20	957	---	---
3	Hollow Block	---	---	---	15.9 x 6.3 x 7.9	---	19.4	66.33	38	1283	---	---
4	Hollow Block	---	---	---	15.8 x 5.9 x 7.5	---	17.4	59.02	32	1215	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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2. ** 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**