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.

5564
Dr. M. Mazhar

To: AL-FALAH Construction Company
Grace Tower, 10 Bull Road, Lahore.

Project: Construction of Grace Tower

Our Ref. No. CL/CED/ 2474-2 of 2 **Dated:** 02/08/2023 **Test Specification**

Your Ref. No. AL-UET-01 **Dated:** 19/07/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 19/07/2023 **Tested on:** 02/08/2023 **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	---	19	6	2023	6Diax12	---	15	28.28	47	3723	---	Non Engraved
2	---	19	6	2023	6Diax12	---	15	28.28	51	4040	---	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.

5591
Dr. Aqsa

To: Eng. Tanveer Afzal
General Manager-Blue Bricks. (Blue Town Sapphire, Lahore)

Project: Underground Electricity Distribution System at Blue Town Sapphire Housing Scheme Lahore.

Our Ref. No. CL/CED/ 2499-1 of 2 Dated: 02/08/2023 Test Specification

Your Ref. No. BTS/Lab/00104 Dated: 22/07/2023 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 24/07/2023 Tested on: 02/08/2023 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	---	14	7	2023	6Diax12	---	13.2	28.28	48	3802	---	Non Engraved
2	---	14	7	2023	6Diax12	---	13.2	28.28	43	3406	---	Non Engraved
3	---	17	7	2023	6Diax12	---	13	28.28	47	3723	---	Engraved
4	---	17	7	2023	6Diax12	---	13.2	28.28	46	3644	---	Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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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**

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

5591
Dr. M. Mazhar

To: Eng. Tanveer Afzal
General Manager-Blue Bricks. (Blue Town Sapphire, Lahore)

Project: Underground Electricity Distribution System at Blue Town Sapphire Housing Scheme Lahore.

Our Ref. No. CL/CED/ 2499-2 of 2 Dated: 02/08/2023 Test Specification

Your Ref. No. BTS/Lab/00104 Dated: 22/07/2023 (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 24/07/2023 Tested on: 02/08/2023 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	22	---	---	---	9.2x4.4x2.8	---	3165	40.48	45	2490	---	---
2	22	---	---	---	8.9x4.4x2.9	---	3230	39.16	37	2116	---	---
3	22	---	---	---	9x4.5x2.8	---	3190	40.5	39	2157	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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**

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ORIGINAL
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5483
Dr. Aqsa

To: Mr. Waqas Ali
VARIANT, 25-t gulberg 2, Lahore

Project: Ist Floor Slab Pour-1

Our Ref. No. CL/CED/ 2500 **Dated:** 02/08/2023 **Test Specification**

Your Ref. No. VA/29/88 **Dated:** 23/06/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03/07/2023 **Tested on:** 02/08/2023 **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	C to G, 1 to 2	24	5	2023	6Diax12	---	13.4	28.28	59	4673	---	Non Engraved
2	C to G, 1 to 2	24	5	2023	6Diax12	---	14	28.28	82	6495	---	Non Engraved
3	C to G, 1 to 2	24	5	2023	6Diax12	---	14	28.28	68	5386	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. Khurram; CNIC 35201-2458690-9

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.

5483
Dr. Aqsa

To: Mr. Waqas Ali
VARIANT, 25-t gulberg 2, Lahore.

Project: Ist Floor Column (CL-3, SH-1, CL-4, CL-5, SH-4, SH-5)

Our Ref. No. CL/CED/ 2501 Dated: 02/08/2023 Test Specification

Your Ref. No. VA/29/87 Dated: 23/06/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03/07/2023 Tested on: 02/08/2023 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	25	5	2023	6Diax12	---	14	28.28	86	6812	---	Non Engraved
2	Columns	25	5	2023	6Diax12	---	14	28.28	95	7525	---	Non Engraved
3	Columns	25	5	2023	6Diax12	---	14.6	28.28	84	6653	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. Khurram; CNIC 35201-2458690-9

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
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5521
Dr. M. Mazhar

To: Mr. Waqas Ali
VARIANT, 25-t gulberg 2, Lahore.

Project: Ist Floor Slab Pour-3

Our Ref. No. CL/CED/ 2502 **Dated: 02/08/2023** **Test Specification**

Your Ref. No. VA/29/88 **Dated: 07/07/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 11/07/2023 **Tested on:** 02/08/2023 **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	Grid Location (1 to D, 1 to 5)	7	6	2023	6Diax12	---	13.4	28.28	79	6257	---	Non Engraved
2	Grid Location (1 to D, 1 to 5)	7	6	2023	6Diax12	---	14.4	28.28	67	5307	---	Non Engraved
3	Grid Location (1 to D, 1 to 5)	7	6	2023	6Diax12	---	14.2	28.28	73	5782	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Khurram; CNIC 35201-2458690-9

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.

5521
Dr. M. Mazhar

To: Mr. Waqas Ali
VARIANT, 25-t gulberg 2, Lahore

Project: Ist Floor Slab Pour-2

Our Ref. No. CL/CED/ 2503 **Dated:** 02/08/2023 **Test Specification**

Your Ref. No. VA/29/88 **Dated:** 07/07/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 11/07/2023 **Tested on:** 02/08/2023 **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	Grid Location (D to G, 3 to 5)	31	5	2023	6Diax12	---	13.6	28.28	69	5465	---	Non Engraved
2	Grid Location (D to G, 3 to 5)	31	5	2023	6Diax12	---	14	28.28	63	4990	---	Non Engraved
3	Grid Location (D to G, 3 to 5)	31	5	2023	6Diax12	---	14	28.28	63	4990	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. Khurram; CNIC 35201-2458690-9

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 compresssive 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.

5521
Dr. M. Mazhar

To: Mr. Waqas Ali
VARIANT, 25-t gulberg 2, Lahore

Project: Ist Floor Column (CL-8, Sh-8, CL-10, CL-12, CL-13, SH-6, SH-7, CL-18)

Our Ref. No. CL/CED/ 2504 **Dated:** 02/08/2023 **Test Specification**

Your Ref. No. VA/29/86 **Dated:** 20/06/2023 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 11/07/2023 **Tested on:** 02/08/2023 **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	16	5	2023	6Diax12	---	14	28.28	90	7129	---	Non Engraved
2	Columns	16	5	2023	6Diax12	---	14.4	28.28	94	7446	---	Non Engraved
3	Columns	16	5	2023	6Diax12	---	14	28.28	94	7446	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. Khurram; CNIC 35201-2458690-9

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.

5612
Dr. M. Mazhar

To: Manager
ABL-SIER P#12, AMCORP, Engineering & Construction (Pvt) Limited

Project: Construction of ABL Proposed Commercial Building Sunder Industrial Plot No. 12

Our Ref. No. CL/CED/ 2505 Dated: 02/08/2023 Test Specification

Your Ref. No. ABL-SIER-AMC-QAQC-33 Dated: 25/07/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 26/07/2023 Tested on: 02/08/2023 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	Precast Panel Slab 08	18	7	2023	6Diax12	---	13.2	28.28	43	3406	---	Non Engraved
2	Precast Panel Slab 08	18	7	2023	6Diax12	---	13.2	28.28	41	3248	---	Non Engraved
3	Precast Panel Slab 08	18	7	2023	6Diax12	---	13.2	28.28	41	3248	---	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 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.

5605
Dr. M. Mazhar

To: Mr. Ghulam Abbas
Canal44 Luxury Apartments

Project: Nil

Our Ref. No. CL/CED/ 2506 **Dated:** 02/08/2023

Your Ref. No. Nil **Dated:** 25/07/2023

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 25/07/2023 **Tested on:** 02/08/2023 **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	---	24	6	2023	6Diax12	---	13.6	28.28	45	3564	---	Engraved
2	---	24	6	2023	6Diax12	---	13	28.28	45	3564	---	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.

5625
Dr. M. Mazhar

To: Ar. Farhan Rasool
Projects Architect, HKB Retail (SMC-PVT) LTD

Project: Construction of Mixed Use Building at Noor Jahan Road, Liberty Market, Lahore

Our Ref. No. CL/CED/ 2507 Dated: 02/08/2023 Test Specification

Your Ref. No. BAB/CR/026 Dated: 26/07/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 27/07/2023 Tested on: 02/08/2023 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 and Slab (3000 Psi)	19	6	2023	6Diax12	---	14	28.28	53	4198	---	Non Engraved
2	Stairs and Slab (3000 Psi)	19	6	2023	6Diax12	---	13.4	28.28	61	4832	---	Non Engraved
3	Stairs and Slab (3000 Psi)	19	6	2023	6Diax12	---	13.4	28.28	67	5307	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. M. Jamil Ahmed

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.

5640
Dr. M. Mazhar

To: Mr. Abdul Karim Tahir
Head Coordination and Development, Adabistan-e-Soophia School

Project: Nil

Our Ref. No. CL/CED/ 2508 **Dated:** 02/08/2023 **Test Specification**

Your Ref. No. AES/23/16269 **Dated:** 31/07/2023 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 31/07/2023 **Tested on:** 02/08/2023 **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	2023	6x6x6	---	8	36	37	2302	---	Non Engraved
2	---	27	7	2023	6x6x6	---	8	36	33	2053	---	Non Engraved
3	---	27	7	2023	6x6x6	---	8	36	69	4293	---	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 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.

5645
Dr. M. Mazhar

To: Mr. Sarfaraz Ahmad
Bemsol Pvt Ltd.

Project: Construction of Plinth Beam (M~N/15~16, M~O/1~12, C/8~11) Bulleh Shah Packages Boiler 75 TPH.

Our Ref. No. CL/CED/ 2509 Dated: 02/08/2023 Test Specification

Your Ref. No. Nil Dated: 24/07/2023 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 01/08/2023 Tested on: 02/08/2023 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	---	25	6	2023	6x6x6	---	8.2	36	104	6471	---	Non Engraved
2	---	25	6	2023	6x6x6	---	8	36	128	7964	---	Non Engraved
3	---	25	6	2023	6x6x6	---	8.4	36	104	6471	---	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 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.

5606
Dr. M. Mazhar

To: Manager
ABL-UML-P-199 & 200, Allied Bank

Project: Construction of ABL Upper Mall Lahore Plot No. 199, 200. (Raft Foundation, Grid-B~E/1~3)

Our Ref. No. CL/CED/ 2510-1 of 2 Dated: 02/08/2023 **Test Specification**

Your Ref. No. ABL-UML-AMC-QAQC-14 Dated: 25/07/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 25/07/2023 Tested on: 02/08/2023 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	Cylinder #61	18	7	2023	6Diax12	---	13.4	28.28	51	4040	---	Non Engraved
2	Cylinder #62	18	7	2023	6Diax12	---	13	28.28	51	4040	---	Non Engraved
3	Cylinder #63	18	7	2023	6Diax12	---	13	28.28	53	4198	---	Non Engraved
4	Cylinder #67	18	7	2023	6Diax12	---	13	28.28	49	3881	---	Non Engraved
5	Cylinder #68	18	7	2023	6Diax12	---	13.2	28.28	45	3564	---	Non Engraved
6	Cylinder #69	18	7	2023	6Diax12	---	13	28.28	43	3406	---	Non Engraved
7	Cylinder #73	18	7	2023	6Diax12	---	13.2	28.28	59	4673	---	Non Engraved
8	Cylinder #74	18	7	2023	6Diax12	---	13	28.28	45	3564	---	Non Engraved
9	Cylinder #75	18	7	2023	6Diax12	---	13.2	28.28	49	3881	---	Non Engraved
10	Cylinder #79	18	7	2023	6Diax12	---	13.4	28.28	47	3723	---	Non Engraved
11	Cylinder #80	18	7	2023	6Diax12	---	13.4	28.28	59	4673	---	Non Engraved
12	Cylinder #81	18	7	2023	6Diax12	---	13	28.28	51	4040	---	Non Engraved
13	Cylinder #85	18	7	2023	6Diax12	---	13.2	28.28	57	4515	---	Non Engraved
14	Cylinder #86	18	7	2023	6Diax12	---	13	28.28	45	3564	---	Non Engraved
15	Cylinder #87	18	7	2023	6Diax12	---	13	28.28	57	4515	---	Non Engraved
16	Cylinder #91	18	7	2023	6Diax12	---	13	28.28	49	3881	---	Non Engraved

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.

5606
Dr. M. Mazhar

To: Manager
ABL-UML-P-199 & 200, Allied Bank

Project: Construction of ABL Upper Mall Lahore Plot No. 199, 200. (Raft Foundation, Grid-B~E/1~3)

Our Ref. No. CL/CED/ 2510-2 of 2 Dated: 02/08/2023 **Test Specification**

Your Ref. No. ABL-UML-AMC-QAQC-14 Dated: 25/07/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 25/07/2023 Tested on: 02/08/2023 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	Cylinder #92	18	7	2023	6Diax12	---	14	28.28	49	3881	---	Non Engraved
2	Cylinder #93	18	7	2023	6Diax12	---	13.4	28.28	53	4198	---	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.

5545
Dr. M. Mazhar

To: Divisional Forest Officer
Office of the Divisional Forest Officer Gujrat Forest Division Gujrat

Project: Construction of Office Building of the Conservator of Forest Officer Gujrat at Forest Complex G.T. Road Julliani Gujrat.

Our Ref. No. CL/CED/ 2511 Dated: 02/08/2023 Test Specification

Your Ref. No. 1049/AC Dated: 26/05/2023 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 14/7/2023 Tested on: 02/08/2023 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	HM	---	---	---	8.9 x 4.1 x 3	3695	3285	36.49	43	2640	12.48	---
2	HM	---	---	---	8.9 x 4.3 x 2.9	3600	3210	38.27	43	2517	12.15	---
3	HM	---	---	---	8.9 x 4.2 x 2.9	3760	3345	37.38	43	2577	12.41	---
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 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**