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.

5795
Dr. Umbreen

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

Project: Construction of Commercial Tower FTC Lahore (Cylinder B3 Columns, N/2,4 & M/2,4 & J/2,4)

Our Ref. No. CL/CED/ 2770 **Dated: 28-08-23** **Test Specification**

Your Ref. No. HMBDPL/S.O/08/23/65th (LHR) **Dated: 28-08-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 28-08-23 **Tested on:** 28-08-23 **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 (C-19)	27	7	2023	6Diax12	---	14	28.28	57	4515	---	Non Engraved
2	6000 Psi (C-19)	27	7	2023	6Diax12	---	14.4	28.28	61	4832	---	Non Engraved
3	6000 Psi (C-19)	27	7	2023	6Diax12	---	15	28.28	75	5941	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: CNIC 33103-0209597-3

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

5794
Dr. Umbreen

To: **Mr. Sarfraz Ahmed**
Project Manager, Bemsol Private Limited

Project: Construction of Boiler 75 TPH: Plinth Beam (E-L/5-8) for BSP Boiler Project at Kasur.

Our Ref. No. CL/CED/ 2771 **Dated: 28-08-23** **Test Specification**

Your Ref. No. BPL/202308211 **Dated: 21-08-23** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 28-08-23 **Tested on:** 28-08-23 **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	C-30	23	7	2023	6x6x6	---	8.6	36	106	6596	---	Non Engraved
2	C-30	23	7	2023	6x6x6	---	9.2	36	112	6969	---	Non Engraved
3	C-30	23	7	2023	6x6x6	---	8.8	36	102	6347	---	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/

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

5794
Dr. Umbreen

To: **Mr. Sarfraz Ahmed**
Project Manager, Bemsol Private Limited

Project: Construction of Boiler 75 TPH: Plinth Beam (C-E/5-8) for BSP Boiler Project at Kasur.

Our Ref. No. CL/CED/ 2772 **Dated: 28-08-23** **Test Specification**

Your Ref. No. BPL/202308251 **Dated: 25-08-23** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 28-08-23 **Tested on:** 28-08-23 **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	C-30	26	7	2023	6x6x6	---	8.8	36	106	6596	---	Non Engraved
2	C-30	26	7	2023	6x6x6	---	8.6	36	104	6471	---	Non Engraved
3	C-30	26	7	2023	6x6x6	---	8.6	36	112	6969	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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
A carbon copy for the report has been retained in the lab for record.

5794
Dr. Umbreen

To: **Mr. Sarfraz Ahmed**
Project Manager, Bemsol Private Limited

Project: Construction of Boiler 75 TPH: Plinth Beam (A-B/4-9) for BSP Boiler Project at Kasur.

Our Ref. No. CL/CED/ 2773 **Dated: 28-08-23** **Test Specification**

Your Ref. No. BPL/202308281 **Dated: 28-08-23** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 28-08-23 **Tested on:** 28-08-23 **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	C-30	29	7	2023	6x6x6	---	8.6	36	106	6596	---	Non Engraved
2	C-30	29	7	2023	6x6x6	---	8.4	36	100	6222	---	Non Engraved
3	C-30	29	7	2023	6x6x6	---	8.8	36	108	6720	---	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/

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

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

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

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

Plain and Reinforced Concrete Laboratory
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University of Engineering and Technology, Lahore. Pakistan
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ORIGINAL
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5732
Dr. M. Yousaf

To: Resident Engineer (Civil), Model Bazaar Head Office Building
MASCON Associates (Pvt) Ltd. In Association with HA Consulting

Project: Establishment of Model Bazaar Head Office Building

Our Ref. No. CL/CED/ 2774 Dated: 29-08-23

Your Ref. No. MAC-HAC/23/PMBMC/LT/064 Dated: 15-08-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 18-08-23 Tested on: 28-08-23 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	5th Floor Lift Concrete	17	7	2023	6Diax12	---	13.6	28.28	72	5703	---	Non Engraved
2	5th Floor Lift Concrete	17	7	2023	6Diax12	---	13	28.28	27	2139	---	Non Engraved
3	5th Floor Lift Concrete	17	7	2023	6Diax12	---	14	28.28	62	4911	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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

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

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

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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5732
Dr, M, Yousaf

To: Resident Engineer (Civil), Model Bazaar Head Office Building
MASCON Associates (Pvt) Ltd. In Association with HA Consulting

Project: Establishment of Model Bazaar Head Office Building

Our Ref. No. CL/CED/ 2775 Dated: 29-08-23

Your Ref. No. MAC-HAC/23/PMBMC/LT/062 Dated: 15-08-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 18-08-23 Tested on: 28-08-23 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	6th Floor Lift Concrete	4	8	2023	6Diax12	---	14	28.28	59	4673	---	Non Engraved
2	6th Floor Lift Concrete	4	8	2023	6Diax12	---	13	28.28	57	4515	---	Non Engraved
3	6th Floor Lift Concrete	4	8	2023	6Diax12	---	13	28.28	38	3010	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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

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

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

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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5732
Dr. M. Yousaf

To: Resident Engineer (Civil), Model Bazaar Head Office Building
MASCON Associates (Pvt) Ltd. In Association with HA Consulting

Project: Establishment of Model Bazaar Head Office Building

Our Ref. No. CL/CED/ 2776 Dated: 29-08-23 Test Specification

Your Ref. No. MAC-HAC/23/PMBMC/LT/063 Dated: 15-08-23 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 18-08-23 Tested on: 28-08-23 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	6th Floor Slab Concrete	9	8	2023	6Diax12	---	13	28.28	28	2218	---	Non Engraved
2	6th Floor Slab Concrete	9	8	2023	6Diax12	---	13	28.28	23	1822	---	Non Engraved
3	6th Floor Slab Concrete	9	8	2023	6Diax12	---	12.6	28.28	24	1901	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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

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

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

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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5706
Dr, M, Yousaf

To: **Resident Engineer (Civil), Model Bazaar Head Office Building**
MASCON Associates (Pvt) Ltd. In Association with HA Consulting

Project: Establishment of Model Bazaar Head Office Building

Our Ref. No. CL/CED/ 2777 **Dated:** **29-08-23** **Test Specification**

Your Ref. No. **MAC-HAC/23/PMBMC/LT/061** **Dated:** **07-08-23** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 11-08-23 **Tested on:** 28-08-23 **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	5th Floor Columns Concrete	10	7	2023	6Diax12	---	13	28.28	50	3960	---	Non Engraved
2	5th Floor Column Concrete	10	7	2023	6Diax12	---	13	28.28	53	4198	---	Non Engraved
3	5th Floor Column Concrete	10	7	2023	6Diax12	---	13.6	28.28	45	3564	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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

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

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

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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

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

5784
Dr. M. Yousaf

To: Mr. Abdul-Kareem Tahir
Head Co-ordination and Development, Adabistan-e-Soophia, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 2778 **Dated:** 29-08-23

Your Ref. No. AES/23/16308 **Dated:** 24-08-23

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 25-08-23 **Tested on:** 28-08-23 **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	---	27	7	2023	6x6x6	---	8	36	79	4916	---	Non Engraved
2	---	27	7	2023	6x6x6	---	8.8	36	55	3422	---	Non Engraved
3	---	27	7	2023	6x6x6	---	8.2	36	77	4791	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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

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

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

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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

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

5490
Dr. M. Yousaf

To: Sub Divisional Officer
Buildings Sub Division, Assembly, Lahore.

Project: Strengthening of Emergency Service in all District Punjab (Cons. of addl. Floor on Model Rescue Station & Parking Sheds at Emergency Services Academy Lahore. (ADP No.4725 for the year 2022-23)

Our Ref. No. CL/CED/ 2779 Dated: 29-08-23 **Test Specification**

Your Ref. No. 869 Dated: 12-06-23 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 25-08-23 **Tested on:** 28-08-23 **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	FF Column (1:1.5:3)	3	6	2022	6x6x6	---	8.4	36	41	2551	---	Non Engraved
2	FF Column (1:1.5:3)	3	6	2022	6x6x6	---	8.4	36	57	3547	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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

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

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

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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

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

5790
Dr. M. Yousaf

To: Sub Divisional Officer
Buildings Sub Division, Assembly, Lahore.

Project: Strengthening of Emergency Service in all District Punjab (Cons. of addl. Floor on Model Rescue Station & Parking Sheds at Emergency Services Academy Lahore. (ADP No.4725 for the year 2022-23)

Our Ref. No. CL/CED/ 2780 Dated: 29-08-23 **Test Specification**

Your Ref. No. 870 Dated: 12-06-23 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 25-08-23 **Tested on:** 28-08-23 **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	FF Slab (1:2:4)	8	6	2022	6x6x6	---	8.6	36	119	7404	---	Non Engraved
2	FF Slab (1:2:4)	8	6	2022	6x6x6	---	8.6	36	92	5724	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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

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

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

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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

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

5786
Dr. M. Yousaf

To: Sub Divisional Officer
Buildings Sub Division No.10, Lahore.

Project: Provision of Missing Facilities and Upgradtion of CTD Provincial Head Quarter Jallo, Lahore. (Group No.2)

Our Ref. No. CL/CED/ 2781 Dated: 29-08-23 **Test Specification**

Your Ref. No. No. 4624/10TH Dated: 10-08-23 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 25-08-23 **Tested on:** 28-08-23 **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	Footing of Masjid (1:2:4)	12	6	2023	6x6x6	---	8.4	36	112	6969	---	Non Engraved
2	Footing of Masjid (1:2:4)	12	6	2023	6x6x6	---	8.6	36	92	5724	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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

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

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

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

Plain and Reinforced Concrete Laboratory

Civil Engineering Department

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

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

5769
Dr. Aqsa

To: **Mr. Kashif-ul-Haq, Resident Engineer**
G3 Engineering Consultants Pvt. Ltd. University of Narowal New Campus Narowal.

Project: Construction of Masjid at University of Narowal (New Campus) against the Project "Strengthening & Expansion of University of Gujrat & Allied Campuses (Narowal Component)

Our Ref. No. CL/CED/ 2782 **Dated: 29-08-23** **Test Specification**

Your Ref. No. G3/UON-RE/354 **Dated: 10-08-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 23-08-23 Tested on: 29-08-23 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	PCC Footing (1:1.5:3)	23	6	2023	6Diax12	---	13.8	28.28	66	5228	---	Engraved
2	PCC Footing (1:1.5:3)	23	6	2023	6Diax12	---	13.8	28.28	57	4515	---	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 comprerssive strength

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

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

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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

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

5769
Dr. Aqsa

To: Mr. Kashif-ul-Haq, Resident Engineer
G3 Engineering Consultants Pvt. Ltd. University of Narowal New Campus Narowal.

Project: Construction of Family Flat-2 at University of Narowal (New Campus) against the Project "Strengthening & Expansion of University of Gujrat & Allied Campuses (Narowal Component)

Our Ref. No. CL/CED/ 2783 Dated: 29-08-23

Your Ref. No. G3/UoN-RE/368 Dated: 22-08-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 23-08-23 Tested on: 29-08-23 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	PCC Footing (1:1.5:3)	20	7	2023	6Diax12	---	13.2	28.28	48	3802	---	Engraved
2	PCC Footing (1:1.5:3)	20	7	2023	6Diax12	---	13	28.28	58	4594	---	Engraved
3	PCC Footing (1:1.5:3)	23	7	2023	6Diax12	---	13.8	28.28	61	4832	---	Engraved
4	PCC Footing (1:1.5:3)	23	7	2023	6Diax12	---	13.8	28.28	56	4436	---	Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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

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

5769
Dr. Aqsa

To: Mr. Kashif-ul-Haq, Resident Engineer
G3 Engineering Consultants Pvt. Ltd. University of Narowal New Campus Narowal.

Project: Construction of Masjid at University of Narowal (New Campus) against the Project "Strengthening & Expansion of University of Gujrat & Allied Campuses (Narowal Component)

Our Ref. No. CL/CED/ 2784 Dated: 29-08-23 **Test Specification**

Your Ref. No. G3/UoN-RE/370 Dated: 22-08-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 23-08-23 **Tested on:** 29-08-23 **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	PCC Footing (1:1.5:3)	6	7	2023	6Diax12	---	13.8	28.28	64	5069	---	Engraved
2	PCC Footing (1:1.5:3)	6	7	2023	6Diax12	---	13.8	28.28	53	4198	---	Engraved
3	PCC Footing (1:1.5:3)	11	7	2023	6Diax12	---	14	28.28	62	4911	---	Engraved
4	PCC Footing (1:1.5:3)	11	7	2023	6Diax12	---	13.8	28.28	66	5228	---	Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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

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

5789
Dr. Aqsa

To: **Mr. M. Zain-Ul-Abadeen**
Project Manager, Majeed Associates Pvt. Ltd. Karachi

Project: Construction of ABL Branch Expo Johar Town Lahore

Our Ref. No. CL/CED/ 2785 **Dated: 29-08-23** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 25-08-23 Tested on: 29-08-23 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	Lift Wall 2nd F. (4000 Psi)	16	8	2023	6Diax12	---	14.2	28.28	41	3248	---	Non Engraved
2	Lift Wall 2nd F. (4000 Psi)	16	8	2023	6Diax12	---	13.4	28.28	39	3089	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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.

5800
Dr. Aqsa

To: **Engr. Javed Asad**
Chief Resident Engineer, JIP Consultants Jalalpur Sharif

Project: Jalalpur Irrigation Project-Contract No. JIP/WKS/ICB/PI, Const. of Jalalpur Irrigation Canal and its System (RD 0+000 to 52+000) Package-1. (Structure: Canal Lining Bed R/S Slope RD 34+530 to 34+840)

Our Ref. No. CL/CED/ 2786 **Dated: 29-08-23** **Test Specification**

Your Ref. No. JIPIC/TECH/CRE/563 **Dated: 27-08-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 28-08-23 Tested on: 29-08-23 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	455-C	31	7	2023	6Diax12	---	13	28.28	57	4515	---	Non Engraved
2	455-C	31	7	2023	6Diax12	---	13	28.28	57	4515	---	Non Engraved
3	455-C	31	7	2023	6Diax12	---	13.6	28.28	50	3960	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

Plain and Reinforced Concrete Laboratory
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.

5778
Dr. Aqsa

To: Mr. Umair Latif
Manager Material ICPL, Izhar Construction Pvt. Ltd.

Project: Galleria Residences Lahore.

Our Ref. No. CL/CED/ 2787 **Dated: 29-08-23** **Test Specification**

Your Ref. No. Nil **Dated: 23-08-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 24-08-23 Tested on: 29-08-23 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	---	11	7	2023	6Diax12	---	14	28.28	131	10376	---	Non Engraved
2	---	11	7	2023	6Diax12	---	14.2	28.28	131	10376	---	Non Engraved
3	---	11	7	2023	6Diax12	---	14.8	28.28	154	12198	---	Non Engraved
4	---	12	7	2023	6Diax12	---	14.2	28.28	152	12040	---	Non Engraved
5	---	12	7	2023	6Diax12	---	13.6	28.28	123	9743	---	Non Engraved
6	---	12	7	2023	6Diax12	---	13.8	28.28	125	9901	---	Non Engraved
7		13	7	2023	6Diax12	---	14.6	28.28	150	11881	---	Non Engraved
8	---	13	7	2023	6Diax12	---	14.4	28.28	156	12356	---	Non Engraved
9	---	13	7	2023	6Diax12	---	14.6	28.28	152	12040	---	Non Engraved
10	---	17	7	2023	6Diax12	---	14.4	28.28	132	10455	---	Non Engraved
11	---	17	7	2023	6Diax12	---	14.4	28.28	127	10059	---	Non Engraved
12	---	17	7	2023	6Diax12	---	14.2	28.28	149	11802	---	Non Engraved
13	---	18	7	2023	6Diax12	---	14	28.28	79	6257	---	Non Engraved
14	---	18	7	2023	6Diax12	---	14	28.28	121	9584	---	Non Engraved
15	---	18	7	2023	6Diax12	---	14.6	28.28	119	9426	---	Non Engraved
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Shahzad Javaid Cheema, CNIC # 38403-2054748-1

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

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

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

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

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

Plain and Reinforced Concrete Laboratory

Civil Engineering Department

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

ORIGINAL
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5793
Dr. Aqsa

To: **Sub Divisional Officer**
Buildings Sub Division No. 09, Lahore.

Project: Construction of Apartments 4th to 6th Storeyed For BS 18-19 Officers at Qurban Lines (Phase-II) Lahore. (Columns & Lift Fourth Floor)

Our Ref. No. CL/CED/ 2788 **Dated: 29-08-23** **Test Specification**

Your Ref. No. 8347 **Dated: 21-08-23** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 28/8/2023 Tested on: 29-08-23 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	R.C.C. (1:1.5:3)	20	7	2023	6x6x6	---	8.6	36	99	6160	---	Non Engraved
2	R.C.C. (1:1.5:3)	20	7	2023	6x6x6	---	8.6	36	102	6347	---	Non Engraved
3	R.C.C. (1:1.5:3)	20	7	2023	6x6x6	---	8.2	36	99	6160	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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

ORIGINAL
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5729
Dr. Aqsa

To: Mr. M. Zain-Ul-Abeden
PM Project, Majeed Associates Pvt. Ltd. Karachi

Project: ABL Expo Centre Johar Town Lahore

Our Ref. No. CL/CED/ 2789 **Dated:** 29-08-23 **Test Specification**

Your Ref. No. Nil **Dated:** 17-08-23 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 17-08-23 **Tested on:** 29-08-23 **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	312	---	---	---	8.8 x 4.3 x 3	3725	3330	37.84	41	2427	11.86	---
2	312	---	---	---	8.9 x 4.3 x 3.1	4035	3605	38.27	49	2868	11.93	---
3	312	---	---	---	8.9 x 4.3 x 3.1	4030	3595	38.27	38	2224	12.1	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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

5729
Dr. Aqsa

To: Mr. M. Zain-Ul-Abeden
PM Project, Majeed Assiciates Pvt. Ltd. Karachi

Project: ABL Expo Centre Johar Town Lahore

Our Ref. No. CL/CED/ 2790 **Dated:** 29-08-23 **Test Specification**

Your Ref. No. Nil **Dated:** 17-08-23 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 17-08-23 **Tested on:** 29-08-23 **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	SB	---	---	---	8.7 x 4.3 x 3	3665	3240	37.41	43	2575	13.12	---
2	SB	---	---	---	8.7 x 4.3 x 3	3690	3265	37.41	41	2455	13.02	---
3	SB	---	---	---	8.6 x 4.3 x 3	3635	3220	36.98	44	2665	12.89	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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**