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.

4568
Dr. Umbreen

To: Dr. Perviz, Head R&I
R & I Department. (Service Industries Limited Tyre Division Gujrat)

Project: Nil

Our Ref. No. CL/CED/ 883 **Dated:** 12-01-23

Your Ref. No. Nil **Dated:** 11-01-23

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 12-01-23 **Tested on:** 12-01-23 **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	---	7	12	2022	6x6x6	---	8.4	36	45	2800	---	Non Engraved
2	---	8	12	2022	6x6x6	---	8.2	36	33	2053	---	Non Engraved
3	---	10	12	2022	6x6x6	---	8	36	25	1556	---	Non Engraved
4	---	12	12	2022	6x6x6	---	8	36	17	1058	---	Non Engraved
5	---	13	12	2022	6x6x6	---	8.4	36	27	1680	---	Non Engraved
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Witnessed by: Nil

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

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

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

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

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

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

4552
Dr. Umbreen

To: Mr. Muhammad Siddique, Head QA/AC
Al-A'Zamiyya Block Phase-I.

Project: Nil

Our Ref. No. CL/CED/ 884 **Dated:** 12-01-23

Your Ref. No. Alz./CT/UET/003 **Dated:** 10-01-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 11/1/2023 **Tested on:** 12-01-23 **in dry/wet condition**

ONLINE REPORT

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	4000 Psi	30	12	2022	6Diax12	---	14.2	28.28	94	7446	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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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
A carbon copy for the report has been retained in the lab for record.

4550
Dr. Umbreen

To: **Mr. Amein Uddin**
Majeed Associates (Pvt.) Ltd.

Project: Construction of ABL BANK Expo Centre Johar Town Lahore.

Our Ref. No. CL/CED/ 885 **Dated: 12-01-23** **Test Specification**

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

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 10/1/2023 Tested on: 12-01-23 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	Raft (3000 Psi)	31	12	2022	6Diax12	---	13.2	28.28	35	2772	---	Non Engraved
2	Raft (3000 Psi)	31	12	2022	6Diax12	---	13.4	28.28	33	2614	---	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**

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ORIGINAL
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4533
Dr. Umbreen

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

Project: Construction of Burj-1 by AJWA Builders

Our Ref. No. CL/CED/ 886 **Dated: 12-01-23** **Test Specification**

Your Ref. No. DOC-BMC/AJWA/038 **Dated: 09-01-23** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 9/1/2023 Tested on: 12-01-23 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	M/B B-3 Shear Wall#01(6000 Psi)	16	11	2022	6Diax12	---	14	28.28	118	9347	---	Non Engraved
2	M/B B-3 Shear Wall#01(6000 Psi)	16	11	2022	6Diax12	---	14	28.28	100	7921	---	Non Engraved
3	M/B B-3 Shear Wall#01(6000 Psi)	16	11	2022	6Diax12	---	13.8	28.28	96	7604	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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

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

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

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

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ORIGINAL
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4546
Dr. Umbreen

To: **Mr. Ar. Farhan Rasool, Projects Architect**
HKB-RETAIL (SMC-PVT) Ltd.

Project: Construction of Retail Outlet at Iqbal Town Lahore.

Our Ref. No. CL/CED/ 887 **Dated: 12-01-23** **Test Specification**

Your Ref. No. HKB/CR/001 **Dated: 07-01-23** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 10/1/2023 Tested on: 12-01-23 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	First Floor Slab	31	12	2022	6Diax12	---	13	28.28	27	2139	---	Engraved
2	First Floor Slab	31	12	2022	6Diax12	---	13	28.28	29	2297	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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4547
Dr. Umbreen

To: **Mr. Ar. Farhan Rasool, Projects Architect**
BAB (SMC-PVT) Ltd.

Project: Construction of Mixed use Building at Liberty

Our Ref. No. CL/CED/ 888 **Dated: 12-01-23** **Test Specification**

Your Ref. No. BAB/CR/001 **Dated: 07-01-23** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 10/1/2023 Tested on: 12-01-23 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	UGWT & Lift Fnd. (4000 Psi)	31	12	2022	6Diax12	---	14	28.28	35	2772	---	Engraved
2	UGWT & Lift Fnd. (4000 Psi)	31	12	2022	6Diax12	---	13.4	28.28	41	3248	---	Engraved
3	UGWT & Lift Fnd. (4000 Psi)	31	12	2022	6Diax12	---	13.2	28.28	55	4356	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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4537
Dr. Umbreen

To: Mr. Hasham Jamil, Project Manager.
Ittefaq Building Solutions (Pvt) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 889 **Dated:** 12-01-23 **Test Specification**

Your Ref. No. IBS/Atif Plaza **Dated:** 09-01-23 **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 9/1/2023 **Tested on:** 12-01-23 **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	1st Floor Columns (4000 Psi)	7	12	2022	6Diax12	---	13.8	28.28	47	3723	---	Non Engraved
2	1st Floor Columns (4000 Psi)	7	12	2022	6Diax12	---	13.2	28.28	41	3248	---	Non Engraved
3	1st Floor Columns (4000 Psi)	7	12	2022	6Diax12	---	13.4	28.28	51	4040	---	Non Engraved
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
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Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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

4544
Dr. Umbreen

To: **Mr. Syed Hammad Ali, Construction Manager**
Unison (Pvt) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 890 **Dated: 12-01-23** **Test Specification**

Your Ref. No. 1-H/Con/020 **Dated: 10-01-23** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 10/1/2023 Tested on: 12-01-23 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)	7	12	2022	6Diax12	---	13.2	28.28	79	6257	---	Non Engraved
2	(5000 Psi)	7	12	2022	6Diax12	---	13.6	28.28	71	5624	---	Non Engraved
3	(5000 Psi)	7	12	2022	6Diax12	---	14	28.28	77	6099	---	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.

4548
Dr. Umbreen

To: Mr. Saifullah Amin, Sr. Resident Engineer.
NESPAK (Pvt) Ltd. Environmental & Public Health Engineering Division

Project: Punjab Intermediate Cities Improvement Investment Program (PICIIP), Consultancy Services for Engineering, Procurement and Construction Management, Watsan Sialkot (NCB-Works/PICIIP-02) LOT-04

Our Ref. No. CL/CED/ 891 Dated: 12-01-23 **Test Specification**

Your Ref. No. Nespak/SA/UET/053 Dated: 10-10-22 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 10/1/2023 **Tested on:** 12-01-23 **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	OHWT Roof Slab T-18(1:1:2)	6	10	2022	6Diax12	---	13.4	28.28	77	6099	---	Engraved
2	OHWT Roof Slab T-18(1:1:2)	6	10	2022	6Diax12	---	13	28.28	77	6099	---	Engraved
3	OHWT Roof Slab T-18(1:1:2)	6	10	2022	6Diax12	---	13.2	28.28	57	4515	---	Engraved
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.

4540
Dr. Umbreen

To: **Mr. Ashiq Ali**
0

Project: Construction of Residence of Mr. Saad Asghar 88-C Model Town Lahore.

Our Ref. No. CL/CED/ 892 **Dated: 12-01-23** **Test Specification**

Your Ref. No. Gen-429/5 **Dated: 10-01-23** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 10/1/2023 Tested on: 12-01-23 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	---	9	12	2022	6x6x6	---	9	36	69	4293	---	Non Engraved
2	---	9	12	2022	6x6x6	---	8.6	36	67	4169	---	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.

4541
Dr. Umbreen

To: **Mr. Alaudin Malkani, Executive Officer (Works)**
Punjab Safe Cities Authority Lahore.

Project: Restoration/ Relocation/Shifting of PSCA Infrastructure at different sites through Framework Contract (M/S CMC Engineering Services)

Our Ref. No. CL/CED/ 893 **Dated: 12-01-23** **Test Specification**

Your Ref. No. 15698/Works/PSCA/2022 **Dated: 14-12-22** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 10/1/2023 Tested on: 12-01-23 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	PSCA-H1, PSCA-H2	15	11	2022	6x6x6	---	8	36	67	4169	---	Non Engraved
2	PSCA-H1, PSCA-H2	15	11	2022	6x6x6	---	8	36	75	4667	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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

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

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

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

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

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

4555
Dr. Umbreen

To: Prof. Dr. Engr. Abdullah Yasar., Campus Engineer.
GC University Lahore, Engineering Cell.

Project: Construction of Sheikh Abul Hasan Al-Shadhili Research Centre on Sufism, Science & Technology
GC University Kala Shah Kaku Campus, Lahore.

Our Ref. No. CL/CED/ 894 Dated: 12-01-23 **Test Specification**

Your Ref. No. GCU/Engr/3000/P Dated: 10-01-23 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 11/1/2023 **Tested on:** 12-01-23 **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	(1:2:4)	13	12	2022	6x6x6	---	8.6	36	53	3298	---	Engraved
2	(1:2:4)	13	12	2022	6x6x6	---	8.6	36	67	4169	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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

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

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

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

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

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

4561
Dr. Umbreen

To: Sub Divisional Officer
Buildings Sub Division No.22, Lahore

Project: Construction of Population Welfare House Punjab at Lahore.

Our Ref. No. CL/CED/ 895 **Dated: 12-01-23**

Your Ref. No. 233/SDO-22 **Dated: 28-12-22**

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 11/1/2023 Tested on: 12-01-23 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	RCC G/F Col.(1:1:2)	2	12	2022	6x6x6	---	8.4	36	98	6098	---	Non Engraved
2	RCC G/F Col.(1:1:2)	2	12	2022	6x6x6	---	8.6	36	100	6222	---	Non Engraved
3	RCC G/F Col.(1:1:2)	2	12	2022	6x6x6	---	8.4	36	47	2924	---	Non Engraved
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.

4561
Dr. Umbreen

To: **Sub Divisional Officer**
Buildings Sub Division No.22, Lahore

Project: Construction of Population Welfare House Punjab at Lahore.

Our Ref. No. CL/CED/ 896 **Dated: 12-01-23** **Test Specification**

Your Ref. No. 232/SDO-22 **Dated: 28-12-22** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 11/1/2023 Tested on: 12-01-23 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	RCC G/F lift (1:1.5:3)	2	12	2022	6x6x6	---	8.6	36	88	5476	---	Non Engraved
2	RCC G/F lift (1:1.5:3)	2	12	2022	6x6x6	---	8.2	36	53	3298	---	Non Engraved
3	RCC G/F lift (1:1.5:3)	2	12	2022	6x6x6	---	8.2	36	79	4916	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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

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

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

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

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

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

4561
Dr. Umbreen

To: **Sub Divisional Officer**
Buildings Sub Division No.22, Lahore

Project: Construction of Population Welfare House Punjab at Lahore.

Our Ref. No. CL/CED/ 897 **Dated: 12-01-23** **Test Specification**

Your Ref. No. 02/SDO-22 **Dated: 06-01-23** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 11/1/2023 Tested on: 12-01-23 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	RCC G/F Slab (1:2:4)	10	12	2022	6x6x6	---	8.4	36	73	4542	---	Non Engraved
2	RCC G/F Slab (1:2:4)	10	12	2022	6x6x6	---	8.4	36	86	5351	---	Non Engraved
3	RCC G/F Slab (1:2:4)	10	12	2022	6x6x6	---	8.4	36	86	5351	---	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.

4561
Dr. Umbreen

To: Sub Divisional Officer
Buildings Sub Division No.06, Lahore

Project: Construction of New Office Block of Commissioner Office Lahore ADP No. 5634 for the year 2021-22

Our Ref. No. CL/CED/ 898 **Dated: 12-01-23** **Test Specification**

Your Ref. No. 212/SDO **Dated: 02-01-23** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 11/1/2023 **Tested on:** 12-01-23 **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	F/F Slab (1:2:4)	27	11	2022	6x6x6	---	8.2	36	43	2676	---	Non Engraved
2	F/F Slab (1:2:4)	27	11	2022	6x6x6	---	8.6	36	65	4044	---	Non Engraved
3	F/F Slab (1:2:4)	27	11	2022	6x6x6	---	8.6	36	83	5164	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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**

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.

4559
Dr. Umbreen

To: Sub Divisional Officer
Highway Sub Division, Raiwind.

Project: Repair/Re-Construction of road bridge at Niaz Baig Distributry Sunder Raiwind Road, District Lahore.

Our Ref. No. CL/CED/ 899 **Dated: 12-01-23** **Test Specification**

Your Ref. No. 821/SDR **Dated: 26-10-22** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 11/1/2023 **Tested on:** 12-01-23 **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	---	21	11	2022	6x6x6	---	8.6	36	83	5164	---	Engraved
2	---	31	11	2022	6x6x6	---	8	36	47	2924	---	Engraved
3	---	4	12	2022	6x6x6	---	8.2	36	47	2924	---	Engraved
4	---	10	12	2022	6x6x6	---	8.4	36	65	4044	---	Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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**

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.

4535
Engr. Ubaid

To: Mr. Qamar Uz Zaman, Project Manager.
AUJLA & ASSOCIATES, Town Developers Pvt. Ltd.

Project: Construction of Royal Palm City Housing Scheme Gujranwala (Jinnah Commercial Area) Modifcation & Extension

Our Ref. No. CL/CED/ 900 **Dated:** 12-01-23 **Test Specification**

Your Ref. No. Nil **Dated:** 09-01-23 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 09-01-23 **Tested on:** 12-01-23 **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	Rectangular Black 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2745	29.26	112	8574	---	---
2	Rectangular Black 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2735	29.26	112	8574	---	---
3	Rectangular Black 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2655	29.26	108	8268	---	---
4	Rectangular Black 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2635	29.26	93	7120	---	---
5	Rectangular Black 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2605	29.26	104	7962	---	---
6	Rectangular Black 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2680	29.26	107	8191	---	---
7	Rectangular Black 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2635	29.26	90	6890	---	---
8	Rectangular Black 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2625	29.26	89	6813	---	---
9	Rectangular Black 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2645	29.26	101	7732	---	---
10	Rectangular Black 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2655	29.26	104	7962	---	---
11	Rectangular Black 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2670	29.26	95	7273	---	---
12	Rectangular Black 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2685	29.26	116	8880	---	---
13	Rectangular Black 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2730	29.26	110	8421	---	---
14	Rectangular Black 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2690	29.26	98	7502	---	---
15	Rectangular Black 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2670	29.26	90	6890	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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

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

ORIGINAL
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4535
Dr. Umbreen

To: Mr. Qamar Uz Zaman, Project Manager.
AUJLA & ASSOCIATES, Town Developers Pvt. Ltd.

Project: Construction of Royal Palm City Housing Scheme Gujranwala (Jinnah Commercial Area) Modifcation & Extension

Our Ref. No. CL/CED/ 901 Dated: 12-01-23 Test Specification

Your Ref. No. Nil Dated: 09-01-23 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 09-01-23 Tested on: 12-01-23 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	Rectangular Grey 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2735	29.26	86	6584	---	---
2	Rectangular Grey 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2780	29.26	130	9952	---	---
3	Rectangular Grey 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2720	29.26	110	8421	---	---
4	Rectangular Grey 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2745	29.26	114	8727	---	---
5	Rectangular Grey 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2755	29.26	118	9033	---	---
6	Rectangular Grey 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2805	29.26	140	10718	---	---
7	Rectangular Grey 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2830	29.26	138	10565	---	---
8	Rectangular Grey 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2835	29.26	134	10258	---	---
9	Rectangular Grey 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2785	29.26	126	9646	---	---
10	Rectangular Grey 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2690	29.26	118	9033	---	---
11	Rectangular Grey 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2810	29.26	132	10105	---	---
12	Rectangular Grey 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2785	29.26	130	9952	---	---
13	Rectangular Grey 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2865	29.26	142	10871	---	---
14	Rectangular Grey 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2765	29.26	130	9952	---	---
15	Rectangular Grey 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2735	29.26	106	8115	---	---
16	Rectangular Grey 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2785	29.26	140	10718	---	---

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

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Engr. Ubaid

To: Mr. Qamar Uz Zaman, Project Manager.
AUJLA & ASSOCIATES, Town Developers Pvt. Ltd.

Project: Construction of Royal Palm City Housing Scheme Gujranwala (Jinnah Commercial Area) Modifcation & Extension

Our Ref. No. CL/CED/ 902 **Dated: 12-01-23** **Test Specification**

Your Ref. No. Nil **Dated: 09-01-23** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 09-01-23 Tested on: 12-01-23 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	Rect. Khyber 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2705	29.26	92	7043	---	---
2	Rect. Khyber 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2705	29.26	108	8268	---	---
3	Rect. Khyber 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2690	29.26	106	8115	---	---
4	Rect. Khyber 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2675	29.26	114	8727	---	---
5	Rect. Khyber 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2700	29.26	103	7885	---	---
6	Rect. Khyber 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2715	29.26	110	8421	---	---
7	Rect. Khyber 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2705	29.26	108	8268	---	---
8	Rect. Khyber 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2700	29.26	107	8191	---	---
9	Rect. Khyber 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2650	29.26	107	8191	---	---
10	Rect. Khyber 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2680	29.26	116	8880	---	---
11	Rect. Khyber 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2665	29.26	110	8421	---	---
12	Rect. Khyber 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2705	29.26	106	8115	---	---
13	Rect. Khyber 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2695	29.26	113	8651	---	---
14	Rect. Khyber 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2715	29.26	105	8038	---	---
15	Rect. Khyber 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2690	29.26	118	9033	---	---
16	Rect. Khyber 60mm(2SQR)	---	---	---	7.7 x 3.8 x 2.3	---	2700	29.26	105	8038	---	---

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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4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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