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.

4299
Dr. Yousaf

To: Engr. Zaheer ud Din Babar
Deputy General Manager Projects, Habib Rafiq Engineering (Pvt.) Limited

Project: Construction of Sky Gardens Tower, Lahore

Our Ref. No. CL/CED/ 453 **Dated:** 25-11-22 **Test Specification**

Your Ref. No. HRLE/SKG/2022/086 **Dated:** 23/11/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 23/11/2022 **Tested on:** 25/11/2022 **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 Raft 18th Pour (6000 Psi)	26	10	2022	6Diax12	---	13.8	28.28	83	6574	---	Non Engraved
2	RCC Raft 18th Pour (6000 Psi)	26	10	2022	6Diax12	---	14	28.28	83	6574	---	Non Engraved
3	RCC Raft 18th Pour (6000 Psi)	26	10	2022	6Diax12	---	13.8	28.28	78	6178	---	Non Engraved
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Witnessed by:

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

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

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

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

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

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ORIGINAL
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4303
Dr. Yousaf

To: Canal44 Luxury Apartments
New Garden Town, Lahore.

Project: Construction of Canal 44 Luxury Apartment.

Our Ref. No. CL/CED/ 454 **Dated: 25-11-22** **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: 24/11/2022 Tested on: 25/11/2022 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	3750 Psi	12	11	2022	6Diax12	---	14.2	28.28	63	4990	---	Non Engraved
2	3750 Psi	12	11	2022	6Diax12	---	13.4	28.28	56	4436	---	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 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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4303
Dr. Yousaf

To: canal44 Luxury Apartments
New Garden Town, Lahore.

Project: Construction of Canal 44 Luxury Apartment.

Our Ref. No. CL/CED/ 455 **Dated: 25-11-22** **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: 24/11/2022 Tested on: 25/11/2022 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	3750 Psi	14	11	2022	6Diax12	---	13	28.28	31	2455	---	Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
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)
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ORIGINAL
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4303
Dr. Yousaf

To: **Canal44 Luxury Apartments**
New Garden Town, Lahore.

Project: Construction of Canal 44 Luxury Apartment.

Our Ref. No. CL/CED/ 456 **Dated: 25-11-22** **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: 24/11/2022 Tested on: 25/11/2022 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	3750 Psi	15	11	2022	6Diax12	---	13.4	28.28	22	1743	---	Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
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

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

4301
Dr. Yousaf

To: Project Manager
Q-Links Property Management Pvt. Ltd.

Project: Construction of Jasmine Grand Mall, Bahria Town, Lahore.

Our Ref. No. CL/CED/ 457 **Dated: 25-11-22** **Test Specification**

Your Ref. No. QLC-UET-JGM-2022-11-LTR-2411-1 **Dated: 24/11/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 24/11/2022 **Tested on:** 25/11/2022 **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	2nd Floor Slab (Grid# 7-8/C-E)	25	10	2022	6Diax12	---	13	28.28	46	3644	---	Engraved
2	2nd Floor Slab (Grid# 7-8/C-E)	25	10	2022	6Diax12	---	13	28.28	47	3723	---	Engraved
3	2nd Floor Col. (Grid# 9-10/B)	25	10	2022	6Diax12	---	13	28.28	50	3960	---	Engraved
4	2nd Fl. Col. (Grid# C-E/A-E/D-E)	25	10	2022	6Diax12	---	13.6	28.28	60	4752	---	Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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ORIGINAL
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4304
Dr. Yousaf

To: Brig. ® Aulad Hussain Rizvi
Secretary, LAHORE GYMKHANA

Project: Extension of Lahore Gymkhana Guest Room

Our Ref. No. CL/CED/ 458 **Dated: 25-11-22** **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: 24/11/2022 Tested on: 25/11/2022 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	---	23	10	2022	6Diax12	---	13.8	28.28	59	4673	---	Non Engraved
2	---	23	10	2022	6Diax12	---	14	28.28	78	6178	---	Non Engraved
3	---	23	10	2022	6Diax12	---	13	28.28	51	4040	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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ORIGINAL
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4305
Dr. Yousaf

To: Mr. Muhammad Aman Ullah
Resident Engineer, Construction Management Division, NESPAK (Pvt.) Ltd.

Project: Development of Underground External Electrification Network in LDA City Housing Scheme, Lahore (Development Area-1). (MSC-STZ Engineers JV)

Our Ref. No. CL/CED/ 459 Dated: 25-11-22 Test Specification

Your Ref. No. 4047/13/MA/04/52 Dated: 21/11/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/11/2022 **Tested on:** 25/11/2022 **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	10	2022	6Diax12	---	13.6	28.28	42	3327	---	Non Engraved
2	---	24	10	2022	6Diax12	---	13.6	28.28	47	3723	---	Non Engraved
3	---	24	10	2022	6Diax12	---	13.6	28.28	40	3168	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

4300
Dr. Yousaf

To: Mr. Maqsood Alam, Senior Manager (Civil)
Systems Limited, Lahore.

Project: Rear Tower Systems Limited.

Our Ref. No. CL/CED/ 460 **Dated:** 25-11-22 **Test Specification**

Your Ref. No. SYS-RT-UET-013 **Dated:** 23-11-22 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/11/2022 **Tested on:** 25/11/2022 **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	4th Floor Slab	23	10	2022	6Diax12	---	14	28.28	87	6891	---	Non Engraved
2	4th Floor Slab	23	10	2022	6Diax12	---	13.8	28.28	68	5386	---	Non Engraved
3	4th Floor Slab	23	10	2022	6Diax12	---	13	28.28	78	6178	---	Non Engraved
4	4th Floor Slab	23	10	2022	6Diax12	---	13.6	28.28	69	5465	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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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

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.

4307
Dr. Yousaf

To: Ittefaq Building Solutions (Pvt.) Ltd.
Airline Society Khayaban-e-Jinnah, Lahore.

Project: Mr. Ahmed Latif Residence.

Our Ref. No. CL/CED/ 461 **Dated: 25-11-22** **Test Specification**

Your Ref. No. Nil **Dated: 24/11/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 24/11/2022 Tested on: 25/11/2022 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	Basement Found. (3000 Psi)	17	11	2022	6x6x6	---	8.6	36	39	2427	---	Engraved
2	Basement Found. (3000 Psi)	17	11	2022	6x6x6	---	8.4	36	35	2178	---	Engraved
3	Basement Found. (3000 Psi)	17	11	2022	6x6x6	---	8.2	36	34	2116	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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

Plain and Reinforced Concrete Laboratory
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

4306
Dr. Yousaf

To: Chief Engineer
State Life Co-operative Housing Society, Engineering Branch Near DHA Phase IV, Lahore.

Project: Construction of Over Head Water Tank Block "J". (Contractor: M/S Way Maker Construction Company).

Our Ref. No. CL/CED/ 462 Dated: 25-11-22 Test Specification

Your Ref. No. SLCHS/EB/22/46 Dated: 24/11/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 24/11/2022 **Tested on:** 25/11/2022 **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	Bowl (SLHS Phase-1), Lahore	20	10	2022	6x6x6	---	8.4	36	74	4604	---	Non Engraved
2	Bowl (SLHS Phase-1), Lahore	20	10	2022	6x6x6	---	8.6	36	92	5724	---	Non Engraved
3	Bowl (SLHS Phase-1), Lahore	20	10	2022	6x6x6	---	8.2	36	72	4480	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
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9	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

4298
Engr. Ubaid

To: Sub Engineer
PHATA Sub Region Okara

Project: Construction of Houses 3-Marla & 5-Marla in ADS- II, Renala Khurd District Okara under Naya Pakistan Housing Program. (M/S Pak Shahid Developers & JV Recent Construction).

Our Ref. No. CL/CED/ 463 Dated: 25-11-22 Test Specification

Your Ref. No. No. 2108 Dated: 22/11/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 23/11/2022 Tested on: 24-11-22 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	(X-Block H.No. 126)	17	10	2022	6x6x6	---	8.6	36	71	4418	---	Non Engraved
2	(X-Block H.No. 126)	17	10	2022	6x6x6	---	8.8	36	74	4604	---	Non Engraved
3	(X-Block H.No. 126)	17	10	2022	6x6x6	---	8.6	36	73	4542	---	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**

Plain and Reinforced Concrete Laboratory
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

4297
Engr. Ubaid

To: **Engineer Luqman Khan**
Director Technical (C.E.O.), ALTEC Engineers

Project: Construction of Plot No. 8.D Punjab Small Industrial Estate Kasur

Our Ref. No. CL/CED/ 464 **Dated: 25-11-22** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 23/11/2022 **Tested on:** 24/11/2022 **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	---	20	10	2022	6x6x6	---	8.2	36	54	3360	---	Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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**

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ORIGINAL
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4297
Engr. Ubaid

To: **Engineer Luqman Khan**
Director Technical (C.E.O.), ALTEC Engineers

Project: Construction of Plot No. 8.D Punjab Small Industrial Estate Kasur

Our Ref. No. CL/CED/ 465 **Dated: 25-11-22** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 23/11/2022 Tested on: 24/11/2022 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	---	20	10	2022	6x6x6	---	8	36	51	3173	---	Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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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ORIGINAL
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4297
Engr. Ubaid

To: Engineer Luqman Khan
Director Technical (C.E.O.), ALTEC Engineers

Project: Construction of Plot No. 8.D Punjab Small Industrial Estate Kasur

Our Ref. No. CL/CED/ 466 **Dated: 25-11-22** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 23/11/2022 **Tested on:** 24/11/2022 **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	---	20	10	2022	6x6x6	---	8	36	73	4542	---	Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

4302
Dr. Yousaf

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

Project: Royal Palm City Hosuing Scheme Gujranwala.

Our Ref. No. CL/CED/ 467 **Dated: 25-11-22** **Test Specification**

Your Ref. No. Nil **Dated: 24/10/2022** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 24/11/2022 Tested on: 25/11/2022 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 Tuff Paver 50 mm	---	---	---	7.8 x 3.8 x 2	---	2235	29.64	73	5517	---	---
2	Rectangular Grey Tuff Paver 50 mm	---	---	---	7.8 x 3.8 x 2	---	2175	29.64	68	5139	---	---
3	Rectangular Grey Tuff Paver 50 mm	---	---	---	7.8 x 3.8 x 2	---	2200	29.64	94	7104	---	---
4	Rectangular Grey Tuff Paver 50 mm	---	---	---	7.8 x 3.8 x 2	---	2270	29.64	78	5895	---	---
5	Rectangular Grey Tuff Paver 50 mm	---	---	---	7.8 x 3.8 x 2	---	2185	29.64	80	6046	---	---
6	Rectangular Grey Tuff Paver 50 mm	---	---	---	7.8 x 3.8 x 2	---	2175	29.64	64	4837	---	---
7	Rectangular Grey Tuff Paver 50 mm	---	---	---	7.8 x 3.8 x 2	---	2100	29.64	57	4308	---	---
8	Rectangular Grey Tuff Paver 50 mm	---	---	---	7.8 x 3.8 x 2	---	2295	29.64	106	8011	---	---
9	Rectangular Grey Tuff Paver 50 mm	---	---	---	7.8 x 3.8 x 2	---	2110	29.64	49	3703	---	---
10	Rectangular Grey Tuff Paver 50 mm	---	---	---	7.8 x 3.8 x 2	---	2190	29.64	48	3628	---	---
11	Rectangular Grey Tuff Paver 50 mm	---	---	---	7.8 x 3.8 x 2	---	2155	29.64	94	7104	---	---
12	Rectangular Grey Tuff Paver 50 mm	---	---	---	7.8 x 3.8 x 2	---	2200	29.64	68	5139	---	---
13	Rectangular Grey Tuff Paver 50 mm	---	---	---	7.8 x 3.8 x 2	---	2110	29.64	72	5441	---	---
14	Rectangular Grey Tuff Paver 50 mm	---	---	---	7.8 x 3.8 x 2	---	2255	29.64	64	4837	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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