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.

7842
Engr. A. Rehman

To: Mr. Muhammad Arfan Asif
Engineer's Representative, NESPAK (Pvt) Ltd & TurkPak (Pvt) Ltd

Project: Construction of Green Building for EMC, EPD and ALLIED' New Entities Established under PGDP (DLI-2, PGDP) Lahore.

Our Ref. No. CL/CED/ 5927 Dated: 19/9/2024 **Test Specification**

Your Ref. No. 4731/MAA/04/96 Dated: 19/9/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 19/9/2024 Tested on: 19/9/2024 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 Slab	22	8	2024	6Diax12	---	14.2	28.28	82	6495	---	Non Engraved
2	1st Floor Slab	22	8	2024	6Diax12	---	14.6	28.28	80	6337	---	Non Engraved
3	1st Floor Slab	22	8	2024	6Diax12	---	14	28.28	74	5861	---	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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7837
Dr. Aqsa

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

Project: Commercial Tower, Finance Trade Centre Lahore (6th Floor Columns A-G/1, 2, 4 Pick up Columns G, F, E, C/4' B'/4)

Our Ref. No. CL/CED/ 5928 Dated: 19/9/2024 **Test Specification**

Your Ref. No. HMBDPL/S.O/09/24/132 (LHR) Dated: 19/9/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 19/9/2024 **Tested on:** 19/9/2024 **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 (CT-138)	19	8	2024	6Diax12	---	13.6	28.28	68	5386	---	Non Engraved
2	5000 Psi (CT-138)	19	8	2024	6Diax12	---	13	28.28	68	5386	---	Non Engraved
3	5000 Psi (CT-138)	19	8	2024	6Diax12	---	13.4	28.28	72	5703	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Haseeb Afzal; CNIC 34101-9592859-3

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.

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ORIGINAL
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7837
Dr. Aqsa

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

Project: Commercial Tower, Finance Trade Centre Lahore (6th Floor Shear Wall F'-G'/1-3)

Our Ref. No. CL/CED/ 5929 Dated: 19/9/2024

Your Ref. No. HMBDPL/S.O/09/24/133 (LHR) Dated: 19/9/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 19/9/2024 Tested on: 19/9/2024 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 (CT-139)	20	8	2024	6Diax12	---	14	28.28	79	6257	---	Non Engraved
2	5000 Psi (CT-139)	20	8	2024	6Diax12	---	14	28.28	83	6574	---	Non Engraved
3	5000 Psi (CT-139)	20	8	2024	6Diax12	---	14	28.28	68	5386	---	Non Engraved
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Witnessed by: Engr. Haseeb Afzal; CNIC 34101-9592859-3

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 compressive strength

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

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

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ORIGINAL
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7802
Dr. Aqsa

To: Mr. Azhar Afrooz
Site Engineer, Wasif Ali & Associates

Project: Construction of Fatima Memorial Hospital Tower

Our Ref. No. CL/CED/ 5930 Dated: 19/9/2024

Your Ref. No. SR# 0039 Dated: 03-09-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/9/2024 Tested on: 19/9/2024 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	(4000 Psi)	29	8	2024	6Diax12	---	13	28.28	53	4198	---	Engraved
2	(4000 Psi)	29	8	2024	6Diax12	---	13	28.28	65	5149	---	Engraved
3	(3500 Psi)	29	8	2024	6Diax12	---	14	28.28	52	4119	---	Engraved
4	(3500 Psi)	29	8	2024	6Diax12	---	13	28.28	50	3960	---	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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7832
Dr. Aqsa

To: Mr. Ghulam Fareed
Material Engineer, STRONG READY MIX

Project: IQRA MEDICAL COMPLEX

Our Ref. No. CL/CED/ 5931 **Dated: 19/9/2024** **Test Specification**

Your Ref. No. Nil **Dated: 18/9/2024** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 18/9/2024 **Tested on:** 19/9/2024 **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	3000 Psi (Slab)	7	9	2024	6Diax12	---	13.4	28.28	50	3960	---	Non Engraved
2	3000 Psi (Slab)	7	9	2024	6Diax12	---	13	28.28	54	4277	---	Non Engraved
3	3000 Psi (Slab)	7	9	2024	6Diax12	---	14	28.28	47	3723	---	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)
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ORIGINAL
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7766
Dr. Aqsa

To: Lt Colonel M Asif (R)
Site Administrator, Bismillah Developers, BHS-2

Project: Masjid Ground Floor Slab

Our Ref. No. CL/CED/ 5932 **Dated:** 19/9/2024 **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: 9/9/2024 **Tested on:** 19/9/2024 **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	3000 Psi (Slab)	24	8	2024	6Diax12	---	13	28.28	55	4356	---	Non Engraved
2	3000 Psi (Slab)	24	8	2024	6Diax12	---	13.8	28.28	55	4356	---	Non Engraved
3	3000 Psi (Slab)	24	8	2024	6Diax12	---	14	28.28	58	4594	---	Non Engraved
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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
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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ORIGINAL
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7811
Dr. Aqsa

To: Engr. Hassan Mahmood
Resident Engineer, G3 Engineering Consultants (Pvt) Ltd

Project: Construction of DHA NEWLIFE RESIDENCIA APARTMENTS AT 273/1 Q Block Phase-II, DHA, Lahore.

Our Ref. No. CL/CED/ 5933 Dated: 19/9/2024 **Test Specification**

Your Ref. No. G3/DHA/NLD/RE/261 Dated: 12-09-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 13/9/2024 **Tested on:** 19/9/2024 **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	Pouring of Col. of Block-B (5000 Psi)	18	7	2024	6Diax12	---	13.4	28.28	51	4040	---	Engraved
2	Pouring of Col. of Block-B (5000 Psi)	18	7	2024	6Diax12	---	13	28.28	44	3485	---	Engraved
3	Pouring of Col. of Block-B (5000 Psi)	18	7	2024	6Diax12	---	13.8	28.28	47	3723	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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ORIGINAL
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7833
Dr. Aqsa

To: Mr. Farrukh Jamal
Projects Manager, UNICON Consulting Services, Gulberg, Lahore

Project: Construction of Bank of Punjab Building at C-Block, Model Town Lahore.

Our Ref. No. CL/CED/ 5934 **Dated:** 19/9/2024

Your Ref. No. Nil **Dated:** 11-09-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 18/9/2024 **Tested on:** 19/9/2024 **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	Column	11	8	2024	6Diax12	---	13.4	28.28	59	4673	---	Non Engraved
2	Column	11	8	2024	6Diax12	---	13.4	28.28	45	3564	---	Non Engraved
3	Column	11	8	2024	6Diax12	---	13.8	28.28	53	4198	---	Non Engraved
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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
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.

7808
Dr. Aqsa

To: Captain (R) Ali Abbas Hashmi
Project Manager, 7 Canal Developers

Project: 7 Canal Residential Apartment Buildings

Our Ref. No. CL/CED/ 5935 **Dated: 19/9/2024** **Test Specification**

Your Ref. No. Nil **Dated: 12-09-24** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 13/9/2024 **Tested on:** 19/9/2024 **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	---	6	9	2024	6Diax12	---	13.4	28.28	47	3723	---	Non Engraved
2	---	6	9	2024	6Diax12	---	15.6	28.28	55	4356	---	Non Engraved
3	---	6	9	2024	6Diax12	---	15.4	28.28	54	4277	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
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10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Shabbir Hussain

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.

7813
Dr. Aqsa

To: Admin Manager
RF CONSTRUCTION

Project: 24, Block Q, Shah Alam Road, Johar Town, Lahore

Our Ref. No. CL/CED/ 5936 Dated: 19/9/2024

Your Ref. No. 297/09/24/By Hand Dated: 16/9/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 16/9/2024 Tested on: 19/9/2024 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	3000 Psi	7	9	2024	6Diax12	---	13.4	28.28	39	3089	---	Engraved
2	3000 Psi	7	9	2024	6Diax12	---	13.4	28.28	21	1663	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: CNIC # 35201-3508795-1

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.

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7813
Dr. Aqsa

To: Admin Manager
RF CONSTRUCTION

Project: 24, Block Q, Shah Alam Road, Johar Town, Lahore

Our Ref. No. CL/CED/ 5937 Dated: 19/9/2024

Your Ref. No. 296/09/24/By Hand Dated: 16/9/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 16/9/2024 Tested on: 19/9/2024 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	4500 Psi	18	8	2024	6Diax12	---	13.6	28.28	56	4436	---	Engraved
2	4500 Psi	18	8	2024	6Diax12	---	14	28.28	59	4673	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: CNIC 35201-3508795-1

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

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