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.

8061
Dr. M. Mazhar

To: Mr. Nabeel A Khan
Project Manager, TREET CORPORATION LIMITED

Project: Construction of New Offices 1st Floor b/w Production Hall & Packsol Building.

Our Ref. No. CL/CED/ 6220 Dated: 23-10-24

Your Ref. No. TCL-PBNO-241022-01 Dated: 22-10-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 22-10-24 Tested on: 23-10-24 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	17	9	2024	6Diax12	---	13.6	28.28	50	3960	---	Engraved
2	3000 Psi	17	9	2024	6Diax12	---	13.4	28.28	40	3168	---	Engraved
3	3000 Psi	17	9	2024	6Diax12	---	13.4	28.28	40	3168	---	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 compressive strength

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

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

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

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Civil Engineering Department
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ORIGINAL
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8052
Dr. M. Mazhar

To: Mr. Abdul Baseet
Material Engineer, Banu Mukhtar Contracting (Pvt) Limited

Project: Burj-1 by AJWA Builders (Main Building 5th Floor Zone-01, Lift Wall-05, Girds:- H'~H/4)

Our Ref. No. CL/CED/ 6221 Dated: 23-10-24

Your Ref. No. DOC-BMC/AJWA/174 Dated: 21-10-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 22-10-24 Tested on: 23-10-24 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	6000 Psi	17	9	2024	6Diax12	---	13	28.28	32	2535	---	Non Engraved
2	6000 Psi	17	9	2024	6Diax12	---	13	28.28	32	2535	---	Non Engraved
3	6000 Psi	17	9	2024	6Diax12	---	13	28.28	30	2376	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
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ORIGINAL
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8038
Dr. M. Mazhar

To: Mr. Mirza Muhammad Abdullah
Senior Resident Engineer, HA Consulting, Johar Town, Lahore

Project: Construction of DELTA# 10 NASTP Phase-03 in PAF BASE, Lahore.

Our Ref. No. CL/CED/ 6222 **Dated: 23-10-24**

Your Ref. No. 24/HAC/NASTP/1293 **Dated: 07-10-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 21-10-24 **Tested on:** 23-10-24 **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	Delta #10 (Lean)	9	9	2024	6Diax12	---	12.8	28.28	30	2376	---	Non Engraved
2	Delta #10 (Lean)	9	9	2024	6Diax12	---	14	28.28	40	3168	---	Non Engraved
3	Delta #10 (Lean)	9	9	2024	6Diax12	---	13.4	28.28	44	3485	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

8060
Dr. M. Mazhar

To: **Mr. Tahawar Owais**
Project Manager, DSG Energy, Moving Towards A Greener Future

Project: Construction of Office Building at 29-M QIE.

Our Ref. No. CL/CED/ 6223 **Dated: 23-10-24** **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: 22-10-24 **Tested on:** 23-10-24 **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	9	2024	6Diax12	---	14.4	28.28	64	5069	---	Non Engraved
2	---	21	9	2024	6Diax12	---	14	28.28	60	4752	---	Non Engraved
3	---	21	9	2024	6Diax12	---	14.6	28.28	62	4911	---	Non Engraved
4	---	12	10	2024	6Diax12	---	14	28.28	58	4594	---	Non Engraved
5	---	12	10	2024	6Diax12	---	14.4	28.28	54	4277	---	Non Engraved
6	---	12	10	2024	6Diax12	---	14	28.28	64	5069	---	Non Engraved
7		14	10	2024	6Diax12	---	14	28.28	64	5069	---	Non Engraved
8	---	14	10	2024	6Diax12	---	14.4	28.28	64	5069	---	Non Engraved
9	---	14	10	2024	6Diax12	---	14	28.28	60	4752	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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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8049
Dr. M. Mazhar

To: Resident Engineer
Al-Imam Enterprises (Pvt) Ltd

Project: Construction of Zonal Office Building of Bank AL Habib Limited, Main Boulevard Gulberg, Lahore (Civil & Structure Works Package)

Our Ref. No. CL/CED/ 6224 Dated: 23/10/2024

Your Ref. No. Alm/BAHL/1021/2110 Dated: 21/10/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 21/10/2024 Tested on: 23/10/2024 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	22	9	2024	6Diax12	---	14	28.28	87	6891	---	Non Engraved
2	4000 Psi	22	9	2024	6Diax12	---	14	28.28	83	6574	---	Non Engraved
3	4000 Psi	22	9	2024	6Diax12	---	14.4	28.28	85	6733	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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ORIGINAL
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8070
Dr. M. Mazhar

To: Mr. Muhammad Zain-Ul-Abadeen
Resident Engineer, Environmental & Public Health Engineering Division, NESPAK (Pvt) Ltd.

Project: Rain Water Management Drainage Arrangement for Sore Point at Nishter Park Sports Complex (Qaddafi Stadium), Lahore.

Our Ref. No. CL/CED/ 6225 Dated: 23/10/2024

Your Ref. No. 3882/11/MZA/411 Dated: 23/10/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 23/10/2024 Tested on: 23/10/2024 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	Wall	23	9	2024	6Diax12	---	13.2	28.28	72	5703	---	Non Engraved
2	Wall	23	9	2024	6Diax12	---	13.4	28.28	72	5703	---	Non Engraved
3	Wall	23	9	2024	6Diax12	---	13.6	28.28	80	6337	---	Non Engraved
4	Column	24	9	2024	6Diax12	---	13.9	28.28	48	3802	---	Non Engraved
5	Column	24	9	2024	6Diax12	---	14.4	28.28	68	5386	---	Non Engraved
6	Column	24	9	2024	6Diax12	---	14	28.28	64	5069	---	Non Engraved
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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.

8021
Dr. Aqsa

To: Ahmad Associates
117- Ahmad Block, New Garden Town, Lahore.

Project: Concrete Footing

Our Ref. No. CL/CED/ 6226 **Dated:** 23-10-24

Your Ref. No. AA-131272 **Dated:** 16/10/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 16/10/2024 **Tested on:** 22-10-24 **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	T1 (3000 Psi)	18	9	2024	6Diax12	---	14	28.28	42	3327	---	Engraved
2	T2 (3000 Psi)	18	9	2024	6Diax12	---	14	28.28	35	2772	---	Engraved
3	T3 (3000 Psi)	18	9	2024	6Diax12	---	13.8	28.28	40	3168	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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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)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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

8027
Dr. Aqsa

To: Shaheen Associates
New Garden Town Lahore

Project: Escorts Advanced Textiles (Pvt) Ltd. Muridkey. Extension of Spinning Unit (Ground Floor)

Our Ref. No. CL/CED/ 6227 Dated: 23-10-24

Your Ref. No. SBA-1/6060 Dated: 16/10/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 17-10-24 Tested on: 22-10-24 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Footing CF1- Grid D-E, (1:2:4)	10	10	2024	6Diax12	---	14.6	28.28	42	3327	---	Non Engraved
2	Footing CF1- Grid D-E, (1:2:4)	10	10	2024	6Diax12	---	14	28.28	34	2693	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

8040
Dr. Aqsa

To: Engr. Zaheer ud din Babar
Deputy General Manager Projects, Habib Rafiq Engineering (Pvt) Ltd, Gulberg-II, Lahore

Project: Construction of Sky Gardens Tower, Lahore (Ramp #1, Slab + Beams B2 to B1 at Grid (B-C/2-3)

Our Ref. No. CL/CED/ 6228 **Dated:** 23-10-24

Your Ref. No. HRLE/SKG/2024/170 **Dated:** 21/10/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 21/10/2024 **Tested on:** 22-10-24 **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	Lab No. 361	23	9	2024	6Diax12	---	14.2	28.28	112	8871	---	Non Engraved
2	Lab No. 361	23	9	2024	6Diax12	---	14.4	28.28	118	9347	---	Non Engraved
3	Lab No. 361	23	9	2024	6Diax12	---	14.6	28.28	91	7208	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

8009
Dr. Aqsa

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

Project: Construction of DHA NEWLIFE RESIDENCY APPARTMENTS AT 273/1 Q BLOCK PHASE-II DHA LAHORE.

Our Ref. No. CL/CED/ 6229 Dated: 23-10-24

Your Ref. No. G3/DHA-NLD/RE/269 Dated: 27/9/2024

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 15/10/2024 Tested on: 22-10-24 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 Column (5000 Psi)	7	9	2024	6Diax12	---	14	28.28	79	6257	---	Non Engraved
2	Pouring of Column (5000 Psi)	7	9	2024	6Diax12	---	14	28.28	74	5861	---	Non Engraved
3	Pouring of Column (5000 Psi)	7	9	2024	6Diax12	---	14.6	28.28	96	7604	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

8009
Dr. Aqsa

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

Project: Construction of DHA NEWLIFE RESIDENCY APPARTMENTS AT 273/1 Q BLOCK PHASE-II DHA LAHORE (4th Floor of 8A Apartment & SOG of Block B)

Our Ref. No. CL/CED/ 6230 Dated: 23-10-24

Your Ref. No. G3/DHA-NLD/RE/271 Dated: 27/9/2024

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 15/10/2024 Tested on: 22-10-24 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/ SOG (4000 Psi)	7	9	2024	6Diax12	---	13.4	28.28	72	5703	---	Non Engraved
2	4th Floor Slab/ SOG (4000 Psi)	7	9	2024	6Diax12	---	13.2	28.28	78	6178	---	Non Engraved
3	4th Floor Slab/ SOG (4000 Psi)	7	9	2024	6Diax12	---	14	28.28	70	5545	---	Non Engraved
4	4th Floor Slab/ SOG (4000 Psi)	15	9	2024	6Diax12	---	14	28.28	78	6178	---	Non Engraved
5	4th Floor Slab/ SOG (4000 Psi)	15	9	2024	6Diax12	---	13.4	28.28	84	6653	---	Non Engraved
6	4th Floor Slab/ SOG (4000 Psi)	15	9	2024	6Diax12	---	14.6	28.28	84	6653	---	Non Engraved
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

8009
Dr. Aqsa

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

Project: Construction of DHA NEWLIFE RESIDENCIA APPARTMENTS AT 273/1 Q BLOCK PHASE-II DHA LAHORE (Columns of Block B)

Our Ref. No. CL/CED/ 6231 Dated: 23-10-24

Your Ref. No. G3/DHA-NLD/RE/273 Dated: 12-10-24

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 15/10/2024 Tested on: 22-10-24 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 of Block-B (5000 Psi)	15	9	2024	6Diax12	---	14	28.28	83	6574	---	Non Engraved
2	Column of Block-B (5000 Psi)	15	9	2024	6Diax12	---	14	28.28	73	5782	---	Non Engraved
3	Column of Block-B (5000 Psi)	15	9	2024	6Diax12	---	13.8	28.28	85	6733	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

8005
Dr. Aqsa

To: Mr. M. Waseem Azhar
AASSISTANT DIRECTOR (QCD) WASA, LDA, LAHORE.

Project: Testing of Concrete cylinder against (M/s. ALI REHMAN RCC PIPE FACTORY)

Our Ref. No. CL/CED/ 6232 **Dated: 23-10-24**

Your Ref. No. No.QCD/2098 **Dated: 12-10-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14/10/2024 **Tested on:** 22-10-24 **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	---	18	8	2024	6Diax12	---	13	28.28	33	2614	---	Engraved
2	---	18	8	2024	6Diax12	---	13	28.28	37	2931	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

8005
Dr. Aqsa

To: Mr. M. Waseem Azhar
AASSISTANT DIRECTOR (QCD) WASA, LDA, LAHORE.

Project: Testing of Concrete cylinder against (M/s. ALI REHMAN RCC PIPE FACTORY)

Our Ref. No. CL/CED/ 6233 **Dated: 23-10-24**

Your Ref. No. No.QCD/2099 **Dated: 12-10-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14/10/2024 **Tested on:** 22-10-24 **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	---	26	8	2024	6Diax12	---	13.6	28.28	52	4119	---	Engraved
2	---	26	8	2024	6Diax12	---	12.2	28.28	51	4040	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

8015
Dr. Aqsa

To: Mr. M. Hassan
Project Director, Al-Hayat Residencia Safari Zoo Road Off Raiwind Road, Lahore.

Project: Al-Hayat Residencia Safari Zoo Road

Our Ref. No. CL/CED/ 6234 **Dated:** 23-10-24

Your Ref. No. Nil **Dated:** 12-09-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 15/10/2024 **Tested on:** 22-10-24 **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	5	8	2024	6Diax12	---	13	28.28	53	4198	---	Non Engraved
2	4500 Psi	5	8	2024	6Diax12	---	13.6	28.28	46	3644	---	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**

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.

8015
Dr. Aqsa

To: Mr. M. Hassan
Project Director, Al-Hayat Residencia Safari Zoo Road Off Raiwind Road, Lahore.

Project: Al-Hayat Residencia Safari Zoo Road

Our Ref. No. CL/CED/ 6235 **Dated:** 23-10-24

Your Ref. No. Nil **Dated:** 12-09-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 15/10/2024 **Tested on:** 22-10-24 **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	8	8	2024	6Diax12	---	14	28.28	83	6574	---	Engraved
2	4500 Psi	8	8	2024	6Diax12	---	13.4	28.28	84	6653	---	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**

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.

8075
Dr. M. Burhan

To: Mr. Tariq Fateh
Project Manager, Jilani Poly-2 Construction. (Jilani Poly Industries Pvt. Ltd)

Project: Construction of Jilani Poly-2 5 Acre Extension Sheikhupura.

Our Ref. No. CL/CED/ 6236 Dated: 23-10-24 **Test Specification**

Your Ref. No. JP-2/UET/2024/C-002 Dated: 23-10-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 23-10-24 **Tested on:** 23-10-24 **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	Uni-Block, Grey, 60mm (6),5000 Psi	---	---	---	2.3 thick	---	3270	37.39	95	5691	---	---
2	Uni-Block, Grey, 60mm (7),5000 Psi	---	---	---	2.3 thick	---	3515	37.39	99	5931	---	---
3	Uni-Block, Grey, 60mm (8),5000 Psi	---	---	---	2.3 thick	---	3380	37.39	91	5452	---	---
4	Uni-Block, Grey, 60mm (9),5000 Psi	---	---	---	2.3 thick	---	3435	37.39	129	7728	---	---
5	Uni-Block, Grey, 60mm (10),5000 Psi	---	---	---	2.3 thick	---	3345	37.39	117	7009	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Client JP-2 Mr. M. Javaid, CNIC 33201-7076007-9

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

1. * as engraved on the specimens (if any)
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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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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.

8018
Dr. Aqsa

To: Assistant Resident Engineer
16 City of Project, Package # I (Jhelum), PUNJAB CITIES PROGRAM. MM Pakistan (Pvt) Ltd.

Project: Punjab Cities Program, Detailed Design of Infrastructure Sub-Projects, Sectoral Planning & Resident Supervision in 16 Cities of Punjab

Our Ref. No. CL/CED/ 6237-1 of 2 Dated: 23/10/2024 Test Specification

Your Ref. No. ARE/JHE-AP/MC-63 Dated: 09-10-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 15/10/2024 Tested on: 22-10-24 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	I-Section, Grey, 60 mm	---	---	---	2.4 thick	---	4020	42.12	140	7445	---	---
2	I-Section, Grey, 60 mm	---	---	---	2.4 thick	---	4035	42.12	121	6435	---	---
3	I-Section, Red, 60 mm	---	---	---	2.4 thick	---	4060	42.12	132	7020	---	---
4	I-Section, Red, 60 mm	---	---	---	2.4 thick	---	3965	42.12	120	6382	---	---
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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
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)
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Dr. Aqsa

To: Assistant Resident Engineer
16 City of Project, Package # I (Jhelum), PUNJAB CITIES PROGRAM. MM Pakistan (Pvt) Ltd.

Project: Punjab Cities Program, Detailed Design of Infrastructure Sub-Projects, Sectoral Planning & Resident Supervision in 16 Cities of Punjab

Our Ref. No. CL/CED/ 6237-2 of 2 Dated: 23/10/2024 Test Specification

Your Ref. No. ARE/JHE-AP/MC-63 Dated: 09-10-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 15/10/2024 Tested on: 22-10-24 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	Kerb Stone	---	---	---	6 x 6 x 5.5	---	7.8	36	65	4044	---	Cut Cube
2	Kerb Stone	---	---	---	6 x 6 x 5.5	---	8	36	43	2676	---	Cut Cube
3	---	---	---	---	---	---	---	---	---	---	---	---
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