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.

8284
Dr. M. Yousaf

To: Procurement Manager
Ravi Construction Company, New Garden Town, Lahore

Project: Construction of Coal Feeding Hall at Orient Ceramica Factory Faisalabad.

Our Ref. No. CL/CED/ 6575 **Dated:** 28-11-24

Your Ref. No. UET/RCC/275/24 **Dated:** 13/11/2024

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 21-11-24 **Tested on:** 28-11-24 **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	RCC Footing (1:2:4)	18	10	2024	6x6x6	---	9	36	70	4356	---	Engraved
2	RCC Footing (1:2:4)	18	10	2024	6x6x6	---	8.8	36	66	4107	---	Engraved
3	RCC Footing (1:2:4)	19	10	2024	6x6x6	---	9.8	36	76	4729	---	Engraved
4	RCC Footing (1:2:4)	19	10	2024	6x6x6	---	9	36	72	4480	---	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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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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8309
Dr. M. Yousaf

To: Engr. Asad Rashid Choudhary, P.E
Speed Construction Management (SCM), Johar Town, Lahore

Project: Construction of Residential Building 245-P DHA Phase 7 Lahore

Our Ref. No. CL/CED/ 6576 Dated: 28/11/2024

Your Ref. No. SM-245-20-11-24-3 Dated: 27/11/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 28/11/2024 Tested on: 28/11/2024 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	---	13	11	2024	6Diax12	---	14	28.28	24	1901	---	Engraved
2	---	13	11	2024	6Diax12	---	14.2	28.28	18	1426	---	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 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.

8319
Dr. Qasim Khan

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

Project: Construction of Commercial Tower, Finance Trade Centre Lahore (9th Floor Slab Pour 2 A'~G'/1~4')

Our Ref. No. CL/CED/ 6577 Dated: 28/11/2024 **Test Specification**

Your Ref. No. HMBDPL/S.O/11/24/147(LHR) Dated: 2811/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 28/11/2024 Tested on: 28/11/2024 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	CT-170 (3500 Psi)	14	11	2024	6Diax12	---	13.2	28.28	44	3485	---	Non Engraved
2	CT-170 (3500 Psi)	14	11	2024	6Diax12	---	13.2	28.28	42	3327	---	Non Engraved
3	CT-170 (3500 Psi)	14	11	2024	6Diax12	---	13.4	28.28	37	2931	---	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 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
University of Engineering and Technology, Lahore. Pakistan
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ORIGINAL
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8319
Dr. Qasim Khan

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

Project: Construction of Commercial Tower, Finance Trade Centre Lahore (9th Floor Shear Wall C~D/1~2)

Our Ref. No. CL/CED/ 6578 **Dated:** 28/11/2024

Your Ref. No. HMBDPL/S.O/11/24/146 (LHR) **Dated:** 28/11/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 28/11/2024 **Tested on:** 28/11/2024 **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	CT-165 (5000 Psi)	31	10	2024	6Diax12	---	14	28.28	63	4990	---	Non Engraved
2	CT-165 (5000 Psi)	31	10	2024	6Diax12	---	13.6	28.28	50	3960	---	Non Engraved
3	CT-165 (5000 Psi)	31	10	2024	6Diax12	---	13.6	28.28	53	4198	---	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

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

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ORIGINAL
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8292
Dr. Qasim Khan

To: Hafiz Arsalan Ali
Assistant Resident Engineer, HA CONSULTING, Architects, Engineers & Planners, Lahore.

Project: Construction of DELTA#11 NASTP PHASE-03, Lahore

Our Ref. No. CL/CED/ 6579 Dated: 28/11/2024

Your Ref. No. 24/HAC/NASTP/1335 Dated: 02-11-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 25/11/2024 Tested on: 28/11/2024 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)	6	10	2024	6Diax12	---	13.4	28.28	55	4356	---	Non Engraved
2	(3000 Psi)	6	10	2024	6Diax12	---	14.4	28.28	60	4752	---	Non Engraved
3	(3000 Psi)	6	10	2024	6Diax12	---	14.4	28.28	69	5465	---	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 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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8292
Dr. Qasim Khan

To: Hafiz Arsalan Ali
Assistant Resident Engineer, HA CONSULTING, Architects, Engineers & Planners, Lahore

Project: Construction of DELTA#08 NASTP PHASE-03, Lahore

Our Ref. No. CL/CED/ 6580 Dated: 28/11/2024

Your Ref. No. 24/HAC/NASTP/1336 Dated: 03-11-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 25/11/2024 Tested on: 28/11/2024 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	10	2024	6Diax12	---	14	28.28	62	4911	---	Non Engraved
2	(3000 Psi)	7	10	2024	6Diax12	---	14.6	28.28	71	5624	---	Non Engraved
3	(3000 Psi)	7	10	2024	6Diax12	---	14	28.28	58	4594	---	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**

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8292
Dr. Qasim Khan

To: Hafiz Arsalan Ali
Assistant Resident Engineer, HA CONSULTING, Architects, Engineers & Planners, Lahore

Project: Construction of DELTA#09 & 11 NASTP PHASE-03, Lahore

Our Ref. No. CL/CED/ 6581 Dated: 28/11/2024

Your Ref. No. 24/HAC/NASTP/1325 Dated: 04-11-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 25/11/2024 Tested on: 28/11/2024 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	Lean Concrete	8	10	2024	6Diax12	---	13.4	28.28	48	3802	---	Non Engraved
2	Lean Concrete	8	10	2024	6Diax12	---	13.4	28.28	40	3168	---	Non Engraved
3	Lean Concrete	8	10	2024	6Diax12	---	14	28.28	24	1901	---	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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A carbon copy for the report has been retained in the lab for record.

8292
Dr. Qasim Khan

To: Hafiz Arsalan Ali
Assistant Resident Engineer, HA CONSULTING, Architects, Engineers & Planners, Lahore

Project: Construction of DELTA#11 NASTP PHASE-03, Lahore

Our Ref. No. CL/CED/ 6582 Dated: 28/11/2024 **Test Specification**

Your Ref. No. 24/HAC/NASTP/1337 Dated: 07-11-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 25/11/2024 **Tested on:** 28/11/2024 **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)	11	10	2024	6Diax12	---	14.4	28.28	60	4752	---	Non Engraved
2	(3000 Psi)	11	10	2024	6Diax12	---	14	28.28	55	4356	---	Non Engraved
3	(3000 Psi)	11	10	2024	6Diax12	---	14	28.28	55	4356	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

8292
Dr. Qasim Khan

To: Hafiz Arsalan Ali
Assistant Resident Engineer, HA CONSULTING, Architects, Engineers & Planners, Lahore

Project: Construction of DELTA#10 &11 NASTP PHASE-03, Lahore

Our Ref. No. CL/CED/ 6583 Dated: 28/11/2024 Test Specification

Your Ref. No. 24/HAC/NASTP/1338 Dated: 08-11-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 25/11/2024 Tested on: 28/11/2024 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)	12	10	2024	6Diax12	---	14.4	28.28	66	5228	---	Non Engraved
2	(3000 Psi)	12	10	2024	6Diax12	---	14	28.28	69	5465	---	Non Engraved
3	(3000 Psi)	12	10	2024	6Diax12	---	15	28.28	70	5545	---	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.

8292
Dr. Qasim Khan

To: Hafiz Arsalan Ali
Assistant Resident Engineer, HA CONSULTING, Architects, Engineers & Planners, Lahore

Project: Construction of DELTA#10 NASTP PHASE-03, Lahore

Our Ref. No. CL/CED/ 6584 Dated: 28/11/2024 Test Specification

Your Ref. No. 24/HAC/NASTP/1326 Dated: 08-11-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 25/11/2024 Tested on: 28/11/2024 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	Lean Concrete	12	10	2024	6Diax12	---	13.8	28.28	37	2931	---	Non Engraved
2	Lean Concrete	12	10	2024	6Diax12	---	14	28.28	60	4752	---	Non Engraved
3	Lean Concrete	12	10	2024	6Diax12	---	13.8	28.28	36	2851	---	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.

8292
Dr. Qasim Khan

To: Hafiz Arsalan Ali
Assistant Resident Engineer, HA CONSULTING, Architects, Engineers & Planners, Lahore

Project: Construction of DELTA#11 NASTP PHASE-03, Lahore

Our Ref. No. CL/CED/ 6585 Dated: 28/11/2024 **Test Specification**

Your Ref. No. 24/HAC/NASTP/1339 Dated: 09-11-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 25/11/2024 **Tested on:** 28/11/2024 **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)	13	10	2024	6Diax12	---	13.4	28.28	66	5228	---	Non Engraved
2	(3000 Psi)	13	10	2024	6Diax12	---	13.4	28.28	59	4673	---	Non Engraved
3	(3000 Psi)	13	10	2024	6Diax12	---	14	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

8292
Dr. Qasim Khan

To: Hafiz Arsalan Ali
Assistant Resident Engineer, HA CONSULTING, Architects, Engineers & Planners, Lahore

Project: Construction of DELTA#11 NASTP PHASE-03, Lahore

Our Ref. No. CL/CED/ 6586 Dated: 28/11/2024

Your Ref. No. 24/HAC/NASTP/1340 Dated: 10-11-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 25/11/2024 Tested on: 28/11/2024 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)	14	10	2024	6Diax12	---	14.4	28.28	58	4594	---	Non Engraved
2	(3000 Psi)	14	10	2024	6Diax12	---	14	28.28	67	5307	---	Non Engraved
3	(3000 Psi)	14	10	2024	6Diax12	---	14	28.28	74	5861	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

ORIGINAL
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8292
Dr. Qasim Khan

To: Hafiz Arsalan Ali
Assistant Resident Engineer, HA CONSULTING, Architects, Engineers & Planners, Lahore

Project: Construction of DELTA#09 NASTP PHASE-03, Lahore

Our Ref. No. CL/CED/ 6587 Dated: 28/11/2024 Test Specification

Your Ref. No. 24/HAC/NASTP/1327 Dated: 11-11-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 25/11/2024 Tested on: 28/11/2024 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	Lean Concrete	15	10	2024	6Diax12	---	14.6	28.28	39	3089	---	Non Engraved
2	Lean Concrete	15	10	2024	6Diax12	---	14.2	28.28	54	4277	---	Non Engraved
3	Lean Concrete	15	10	2024	6Diax12	---	14	28.28	53	4198	---	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 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
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8292
Dr. Qasim Khan

To: Hafiz Arsalan Ali
Assistant Resident Engineer, HA CONSULTING, Architects, Engineers & Planners, Lahore

Project: Construction of DELTA#10 & 11 NASTP PHASE-03, Lahore

Our Ref. No. CL/CED/ 6588 Dated: 28/11/2024

Your Ref. No. 24/HAC/NASTP/1341 Dated: 11-11-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 25/11/2024 Tested on: 28/11/2024 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)	15	10	2024	6Diax12	---	14	28.28	69	5465	---	Non Engraved
2	(3000 Psi)	15	10	2024	6Diax12	---	15	28.28	38	3010	---	Non Engraved
3	(3000 Psi)	15	10	2024	6Diax12	---	14.4	28.28	76	6020	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

8270
Dr. Qasim Khan

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

Project: Construction of DHA NEW LIFE RESIDENCIA APARTMENTS AT 273/1 Q BLOCK PHASE-II DHA, LAHORE

Our Ref. No. CL/CED/ 6589 **Dated:** 28/11/2024 **Test Specification**

Your Ref. No. G3/DHA-NLD/RE/284 **Dated:** 11-11-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20/11/2024 **Tested on:** 28/11/2024 **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 Stair (4000 Psi)	16	10	2024	6Diax12	---	14	28.28	65	5149	---	Non Engraved
2	Pouring of Stair (4000 Psi)	16	10	2024	6Diax12	---	14.2	28.28	74	5861	---	Non Engraved
3	Pouring of Stair (4000 Psi)	16	10	2024	6Diax12	---	14	28.28	70	5545	---	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
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8270
Dr. Qasim Khan

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

Project: Construction of DHA NEW LIFE RESIDENCIA APARTMENTS AT 273/1 Q BLOCK PHASE-II DHA, LAHORE

Our Ref. No. CL/CED/ 6590 **Dated:** 28/11/2024 **Test Specification**

Your Ref. No. G3/DHA-NLD/RE/281 **Dated:** 07-11-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20/11/2024 **Tested on:** 28/11/2024 **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 Column (5000 Psi)	9	10	2024	6Diax12	---	14	28.28	75	5941	---	Non Engraved
2	Pouring of Column (5000 Psi)	9	10	2024	6Diax12	---	14.2	28.28	80	6337	---	Non Engraved
3	Pouring of Column (5000 Psi)	9	10	2024	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 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.

8270
Dr. Qasim Khan

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

Project: Construction of DHA NEW LIFE RESIDENCIA APARTMENTS AT 273/1 Q BLOCK PHASE-II DHA, LAHORE (Pouring of SOG & Sumpit Walls)

Our Ref. No. CL/CED/ 6591 Dated: 28/11/2024 Test Specification

Your Ref. No. G3/DHA-NLD/RE/282 Dated: 07-11-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20/11/2024 Tested on: 28/11/2024 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)	9	10	2024	6Diax12	---	14	28.28	75	5941	---	Non Engraved
2	(4000 Psi)	9	10	2024	6Diax12	---	14	28.28	52	4119	---	Non Engraved
3	(4000 Psi)	9	10	2024	6Diax12	---	13.8	28.28	46	3644	---	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.

8270
Dr. Qasim Khan

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

Project: Construction of DHA NEW LIFE RESIDENCIA APARTMENTS AT 273/1 Q BLOCK PHASE-II DHA, LAHORE

Our Ref. No. CL/CED/ 6592 **Dated:** 28/11/2024 **Test Specification**

Your Ref. No. G3/DHA-NLD/RE/281 **Dated:** 07-11-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20/11/2024 **Tested on:** 28/11/2024 **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 SOG (4000 Psi)	10	10	2024	6Diax12	---	14.8	28.28	83	6574	---	Non Engraved
2	Pouring of SOG (4000 Psi)	10	10	2024	6Diax12	---	13.6	28.28	71	5624	---	Non Engraved
3	Pouring of SOG (4000 Psi)	10	10	2024	6Diax12	---	13.8	28.28	64	5069	---	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.

8312
Dr. M. Yousaf

To: Mr. Salman Shahid
General Manager/ Project Manager, NESPAK (Pvt) Ltd.

Project: Construction of Platform along with Allied Services for TPS-77, MRR Radar at Kinara Top at PAF BASE MUSHAF. (Contractor: M/s Riaz-ud-din Engineering Pvt. Ltd.)

Our Ref. No. CL/CED/ 6593 Dated: 28/11/2024 **Test Specification**

Your Ref. No. 4800/321/SS/01/1513 Dated: 28/11/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 28/11/2024 **Tested on:** 28/11/2024 **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	---	14	11	2024	6Diax12	---	14	28.28	89	7050	---	Non Engraved
2	---	14	11	2024	6Diax12	---	15.4	28.28	89	7050	---	Non Engraved
3	---	14	11	2024	6Diax12	---	14.6	28.28	67	5307	---	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.

8307
Dr. Qasim Khan

To: Mr. Safdar Shahid
Resident Engineer, Architecture & Planning Division, NESPAK (Pvt) Ltd.

Project: KBCMA COLLEGE OF VETERINARY AND ANIMAL SCIENCES NAROWAL CAMPUS (MULTIPURPOSE COMPLEX)

Our Ref. No. CL/CED/ 6594 Dated: 28/11/2024 **Test Specification**

Your Ref. No. 4650/311/SR/65 Dated: 09-11-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 27/11/2024 Tested on: 28/11/2024 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	Plinth Beam, Line G, 1-2 (1:1.5:3)	10	10	2024	6Diax12	---	14.2	28.28	79	6257	---	Non Engraved
2	Plinth Beam, Line G, 1-2 (1:1.5:3)	10	10	2024	6Diax12	---	14	28.28	76	6020	---	Non Engraved
3	Plinth Beam, Line G, 1-2 (1:1.5:3)	10	10	2024	6Diax12	---	14.6	28.28	65	5149	---	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.

8298
Dr. Qasim Khan

To: Mr. Muhammad Farhad
XEN, Garrison Engr (A) SVCS LRC

Project: Const of U/G Water Tank (1 Lac gln) at Bashir Line and MML at Lhr Cantt (RCC 4000 Psi for Footings)

Our Ref. No. CL/CED/ 6595 **Dated:** 28/11/2024 **Test Specification**

Your Ref. No. 6001-A-94/18/E-6 **Dated:** 20/11/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 26/11/2024 **Tested on:** 28/11/2024 **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	RCC (4000 Psi)	20	10	2024	6Diax12	---	14	28.28	62	4911	---	Non Engraved
2	RCC (4000 Psi)	20	10	2024	6Diax12	---	14	28.28	62	4911	---	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 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.

8311
Dr. Wasim Abbas

To: Mr. M. TUFAIL
Resident Engineer, PCP (Package-II), NESPAK-MMP-ACE (JV) Site Office Kamoke

Project: Improvement & Extension of Water Supply Schemes in Kamoke City

Our Ref. No. CL/CED/ 6596 Dated: 28/11/2024

Your Ref. No. PCP/P-2/RE/KMK/531 Dated: 20/11/2024

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 28/11/2024 Tested on: 28/11/2024 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	PCC (1:2:4)	13	8	2024	6x6x6	---	8.4	36	105	6533	---	Engraved
2	PCC (1:2:4)	13	8	2024	6x6x6	---	8.2	36	105	6533	---	Engraved
3	PCC (1:2:4)	13	8	2024	6x6x6	---	8.6	36	109	6782	---	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**

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.

8303
Dr. Usman Akmal

To: Engr. M. Imran
Resident Engineer, Master Consulting Engineers (Pvt) Ltd, DHA Phase-I, Lahore

Project: Construction of 07-Storey Residential Block having Minimum 100 Rooms with Attached Bathroom Facilities at GURDWARA JANAMASTHAN NANKANA SAHIB

Our Ref. No. CL/CED/ 6597 **Dated:** 28/11/2024

Your Ref. No. NKB/RE/RCC/27 **Dated:** 27/11/2024

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 27/11/2024 **Tested on:** 28/11/2024 **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	Slab F/F (1:1.5:3)	28	10	2024	6x6x6	---	8.2	36	74	4604	---	Engraved
2	Slab F/F (1:1.5:3)	28	10	2024	6x6x6	---	8.4	36	87	5413	---	Engraved
3	Slab F/F (1:1.5:3)	28	10	2024	6x6x6	---	8.8	36	85	5289	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

8303
Dr. Usman Akmal

To: Engr. M. Imran
Resident Engineer, Master Consulting Engineers (Pvt) Ltd, DHA Phase-I, Lahore

Project: Construction of 07-Storey Residential Block having Minimum 100 Rooms with Attached Bathroom Facilities at GURDWARA JANAMASTHAN NANKANA SAHIB

Our Ref. No. CL/CED/ 6598 **Dated: 28/11/2024** **Test Specification**

Your Ref. No. NKB/RE/RCC/28 **Dated: 27/11/2024** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 27/11/2024 **Tested on:** 28/11/2024 **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	Col. 2nd /F (1:1:2)	2	11	2024	6x6x6	---	8.4	36	107	6658	---	Engraved
2	Col. 2nd /F (1:1:2)	2	11	2024	6x6x6	---	8.6	36	121	7529	---	Engraved
3	Col. 2nd /F (1:1:2)	2	11	2024	6x6x6	---	8.8	36	89	5538	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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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)
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.

8299
Dr. Qasim Khan

To: Mr. KAMRAN KHAN
Procurement Manager, Q-Links Property Management Pvt. Ltd

Project: Construction of Gold Souq, Bahria Town Lahore (Raft Foundation- Grid B/5-6; Retaining Wall)

Our Ref. No. CL/CED/ 6599 Dated: 28/11/2024

Your Ref. No. QLC-Gold-2024-LT-FGK-1 Dated: 25/11/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 26/11/2024 Tested on: 28/11/2024 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	Raft Fndn (Grid B/5-6), 4000 Psi	19	10	2024	6Diax12	---	14.4	28.28	65	5149	---	Non Engraved
2	Raft Fndn (Grid B/5-6), 4000 Psi	19	10	2024	6Diax12	---	14.6	28.28	92	7287	---	Non Engraved
3	Retaining Wall, 4000 Psi	23	10	2024	6Diax12	---	14	28.28	68	5386	---	Non Engraved
4	Retaining Wall, 4000 Psi	23	10	2024	6Diax12	---	14.8	28.28	88	6970	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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