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.

7311
Dr. Umbreen

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.
(Contractor: M/s Ghousia Engineering Construction Pvt Ltd. Lahore.)

Our Ref. No. CL/CED/ 5099 Dated: 14/06/2024 **Test Specification**

Your Ref. No. G3/DHA-NLD/RE/236 Dated: 13/06/2024 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 13/06/2024 Tested on: 14/06/2024 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)	6	6	2024	6Diax12	---	14	28.28	50	3960	---	Engraved
2	(5000 Psi)	6	6	2024	6Diax12	---	12.6	28.28	40	3168	---	Engraved
3	(5000 Psi)	6	6	2024	6Diax12	---	14	28.28	28	2218	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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

7323
Dr. Umbreen

To: Mr. Adnan Muzaffar
General Manager (E & P), Infrastructure Development Authority, Punjab. Government of the Punjab.

Project: Nishter II, Multan. (Client: Infrastructure Development Authority, Punjab.)

Our Ref. No. CL/CED/ 5100 **Dated:** 14/06/2024 **Test Specification**

Your Ref. No. PSO/GM(E&P)IDAP/2024/19304 **Dated:** 14/06/2024 (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 14/06/2024 **Tested on:** 14/06/2024 **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	Solid Block (D-1)	---	---	---	12.0x8.0x6.0	---	20	96	39	910	---	---
2	Solid Block (D-1)	---	---	---	12.1x8.0x6.0	---	20.8	96.8	48	1111	---	---
3	Solid Block (D-1)	---	---	---	12.0x7.8x5.9	---	18.85	93.6	46	1101	---	---
4	Solid Block (D-2)	---	---	---	12.1x7.8x6.0	---	19.95	94.38	50	1187	---	---
5	Solid Block (D-2)	---	---	---	12.1x8.1x6.2	---	21.95	98.01	68	1554	---	---
6	Solid Block (D-2)	---	---	---	12.0x7.6x6.0	---	18.65	91.2	38	933	---	---
7	Solid Block (D-3)	---	---	---	12.0x7.8x5.9	---	20.2	93.6	62	1484	---	---
8	Solid Block (D-3)	---	---	---	12.0x8.0x6.0	---	20.4	96	60	1400	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Ali Raza, AM Str. IDAP CNIC # 34403-9319379-3, Miss Ayesha Javed, AM Structure, CNIC # 35102-8926740-4

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.

7309
Dr. Umbreen

To: Mr. M. Arslan Khaleel
Assistant Store Keeper, M/S Amanah Noor Residence, Wapda Town, Lahore.

Project: 7th Floor Roof Slab Pour 02 Block D.

Our Ref. No. CL/CED/ 5101 **Dated:** 14/06/2024 **Test Specification**

Your Ref. No. Nil **Dated:** 13/06/2024 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 13/06/2024 **Tested on:** 14/06/2024 **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	---	17	5	2024	6Diax12	---	13.4	28.28	46	3644	---	Non Engraved
2	---	17	5	2024	6Diax12	---	13.4	28.28	48	3802	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. Arslan Khalil, CNIC # 33301-8638712-3 & Mr. Faisal Hussain, CNIC # 44203-8540872-5

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

7299
Dr. Umbreen

To: Mr. Riaz Ahmed
RANA ASSOCIATES, Engineers & Contractors

Project: 160-P

Our Ref. No. CL/CED/ 5102 **Dated:** 14/6/2024 **Test Specification**

Your Ref. No. Nil **Dated:** 11/06/2024 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 11/6/2024 **Tested on:** 14/6/2024 **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	24	5	2024	6Diax12	---	12.4	28.28	46	3644	---	Non Engraved
2	4000 Psi	24	5	2024	6Diax12	---	13	28.28	52	4119	---	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.

7300
Dr. Umbreen

To: Projects Manager
Innovative ® Construction Company, 193-Abubakar Block, New Garden Town, Lahore

Project: CONSTRUCTION OF SHORING WORKS AT KINGDOM ARENA. RUDA, LAHORE

Our Ref. No. CL/CED/ 5103 Dated: 14/6/2024 Test Specification

Your Ref. No. ICL/Ruda Dated: 11/06/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 11/06/2024 Tested on: 14/6/2024 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	---	7	5	2024	6Diax12	---	13.2	28.28	72	5703	---	Non Engraved
2	---	7	5	2024	6Diax12	---	13.6	28.28	68	5386	---	Non Engraved
3	---	7	5	2024	6Diax12	---	13.6	28.28	78	6178	---	Non Engraved
4	---	8	5	2024	6Diax12	---	14	28.28	80	6337	---	Non Engraved
5	---	8	5	2024	6Diax12	---	13	28.28	50	3960	---	Non Engraved
6	---	8	5	2024	6Diax12	---	13.6	28.28	94	7446	---	Non Engraved
7		9	5	2024	6Diax12	---	14	28.28	70	5545	---	Non Engraved
8	---	9	5	2024	6Diax12	---	13.4	28.28	68	5386	---	Non Engraved
9	---	9	5	2024	6Diax12	---	13.8	28.28	74	5861	---	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
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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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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

7291
Dr. Umbreen

To: Engr. Ahmed
Manager Structures, M/S Iqbal Uzair & Associates

Project: Site 181-D, Model Town, Lahore (Mix Design Ratio = 1:1.5:3 with 450 ml Superplasticizer Chemplast 450-SP, NIMIR)

Our Ref. No. CL/CED/ 5104 Dated: 14/6/2024 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: 10/6/2024 Tested on: 14/6/2024 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	5	5	2024	6Diax12	---	14	28.28	32	2535	---	Non Engraved
2	3000 Psi	5	5	2024	6Diax12	---	14.2	28.28	48	3802	---	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**

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

7258
Dr. Umbreen

To: Innovative ® Construction Company
193-Abubakar Block, New Garden Town, Lahore.

Project: Construction of ABL Sargodha

Our Ref. No. CL/CED/ 5105-1 of 2 **Dated:** 14/6/2024 **Test Specification**

Your Ref. No. Nil **Dated:** 04/06/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 04/06/2024 **Tested on:** 14/06/2024 **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	Mark- 555	---	---	---	8.9 x 4.2 x 2.9	3475	3185	37.38	50	2996	9.11	---
2	Mark-555	---	---	---	8.9 x 4.3 x 2.9	3595	3205	38.27	58	3395	12.17	---
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
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

7283
Dr. Umbreen

To: Mr. Riaz Ahmad
Riaz Construction Company, Civil Contractor

Project: Construction of School Foundation at Hasanabdal

Our Ref. No. CL/CED/ 5106 **Dated:** 14/6/2024 **Test Specification**

Your Ref. No. Nil **Dated:** 14/05/2024 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 10/06/2024 **Tested on:** 12/06/2024 **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	PR I	---	---	---	8.8 x 4.3 x 3	---	2830	37.84	32	1894	---	---
2	PR I	---	---	---	8.8 x 4.3 x 3	---	2845	37.84	48	2841	---	---
3	PR I	---	---	---	8.9 x 4.3 x 3	---	2740	38.27	52	3044	---	---
4	PR I	---	---	---	9 x 4.3 x 3	---	2855	38.7	52	3010	---	---
5	PR I	---	---	---	8.8 x 4.3 x 3	---	2755	37.84	40	2368	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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**