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.

4912
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. (7th Floor Roof Slab, Pour-1,2). (Contractor: M/s Ghousia Engineering & Construction Pvt. Ltd. Lahore.)

Our Ref. No. CL/CED/ 1385 Dated: 08-03-23 **Test Specification**

Your Ref. No. G3/DHA-NLD/RE/142 Dated: 06-03-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 8/3/2023 Tested on: 08-03-23 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	4	2	2023	6Diax12	---	14.2	28.28	85	6733	---	Non Engraved
2	4000 Psi	4	2	2023	6Diax12	---	13.8	28.28	90	7129	---	Non Engraved
3	4000 Psi	4	2	2023	6Diax12	---	13.4	28.28	80	6337	---	Non Engraved
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Witnessed by:

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

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

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

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

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

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

4915
Dr. Aqsa

To: The Resident Engineer
Acrow Consultant Pvt Ltd. Lahore

Project: Construction of Building B-45 MM Alam Road Gulberg-III. (Slab SB-01)

Our Ref. No. CL/CED/ 1386 **Dated:** 08-03-23

Your Ref. No. AC/B-40/09 **Dated:** 08-03-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 8/3/2023 **Tested on:** 08-03-23 **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	TM-5 Companion (4000 Psi)	8	2	2023	6Diax12	---	13.6	28.28	58	4594	---	Non Engraved
2	TM-7-Tank (4000 Psi)	8	2	2023	6Diax12	---	14	28.28	45	3564	---	Non Engraved
3	TM-3-Tank (4000 Psi)	8	2	2023	6Diax12	---	14	28.28	66	5228	---	Non Engraved
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Witnessed by: Mr. Uzair, CNIC: 16102-6784638-9

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

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

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

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

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

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

4866
Dr. Umbreen

To: Mr. Muhammad Asif
Project Manager, Imperium Developer

Project: Construction of Sixty6 at Gulberg-III, Lahore

Our Ref. No. CL/CED/ 1387 Dated: 08-03-23

Your Ref. No. IMP/PM/66/09/130 Dated: 28/2/2023

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 28/02/2023 Tested on: 06-03-23 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	30	1	2023	6Diax12	---	13.6	28.28	75	5941	---	Non Engraved
2	4500 Psi	30	1	2023	6Diax12	---	13	28.28	73	5782	---	Non Engraved
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Witnessed by: Mr. M. Husnain, CNIC: 35202-6634387-3

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

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

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

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

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

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ORIGINAL
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4866
Dr. Umbreen

To: Mr. Muhammad Asif
Project Manager, Imperium Developer

Project: Construction of Sixty6 at Gulberg-III, Lahore

Our Ref. No. CL/CED/ 1388 Dated: 08-03-23 **Test Specification**

Your Ref. No. IMP/PM/66/09/131 Dated: 28/2/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 28/02/2023 **Tested on:** 06-03-23 **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	22	1	2023	6Diax12	---	13	28.28	88	6970	---	Non Engraved
2	6000 Psi	22	1	2023	6Diax12	---	13	28.28	92	7287	---	Non Engraved
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Witnessed by: Mr. M. Husnain, CNIC: 35202-6634387-3

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

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

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

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

4901
Dr. Aqsa

To: Mr. Salman Iqbal
Director, M. Siddique Sons Building Contractor

Project: Construction of 464-G Phase-V, DHA Lahore

Our Ref. No. CL/CED/ 1389 **Dated:** 08-03-23 **Test Specification**

Your Ref. No. Nil **Dated:** 06-02-23 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 6/03/2023 **Tested on:** 08-03-23 **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) 2B	21	2	2023	6Diax12	---	12.4	28.28	27	2139	---	Engraved
2	(Raft) 3B	21	2	2023	6Diax12	---	13.4	28.28	27	2139	---	Engraved
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Witnessed by: Mr. Bilal Azhar, CNIC: 35201-8407566-5

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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ORIGINAL
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4901
Dr. Aqsa

To: **Mr. Salman Iqbal**
Director, M. Siddique Sons Building Contractor

Project: Construction of 464-G Phase-V, DHA Lahore

Our Ref. No. CL/CED/ 1390 **Dated: 08-03-23** **Test Specification**

Your Ref. No. 0 **Dated: 06-02-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 6/03/2023 Tested on: 08-03-23 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) 7B	22	2	2023	6Diax12	---	12.6	28.28	24	1901	---	Engraved
2	(Raft) 5A	22	2	2023	6Diax12	---	14	28.28	28	2218	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Bilal Iqbal, CNIC: 35201-8407566-5

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

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ORIGINAL
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4901
Dr. Aqsa

To: **Mr. Salman Iqbal**
Director, M. Siddique Sons Building Contractor

Project: Construction of 464-G Phase-V, DHA Lahore

Our Ref. No. CL/CED/ 1391 **Dated: 08-03-23** **Test Specification**

Your Ref. No. Nil **Dated: 06-02-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 6/03/2023 Tested on: 08-03-23 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) 8B	23	2	2023	6Diax12	---	12.6	28.28	25	1980	---	Engraved
2	(Raft) 9A	23	2	2023	6Diax12	---	13.2	28.28	35	2772	---	Engraved
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Witnessed by: Mr.Bilal Iqbal, CNIC: 35201-8407566-5

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

4899
Dr. Aqsa

To: Project Manager
Baig Constructions CO. Engineers and Contractors

Project: Construction of Jinnah Square Mall Khyaban e Jinnah Road, Lahore

Our Ref. No. CL/CED/ 1392 Dated: 08-03-23 Test Specification

Your Ref. No. BCC06032023 Dated: 06-03-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 6/03/2023 Tested on: 08-03-23 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	Lift Wall Grid E- F/5-6 (5500 Psi)	2	2	2023	6Diax12	---	13.6	28.28	76	6020	---	Non Engraved
2	Lift Wall Grid E- F/5-6 (5500 Psi)	2	2	2023	6Diax12	---	13.6	28.28	83	6574	---	Non Engraved
3	Lift Wall Grid E- F/5-6 (5500 Psi)	2	2	2023	6Diax12	---	13.6	28.28	72	5703	---	Non Engraved
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Witnessed by: Mr.Muhammad Yasin, CNIC: 16102-7094294-7

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.

4898
Dr. Aqsa

To: Engr. Major Zia ul Islam (R)
Project Manager, GCC, Lahore, Overseas Construction Co. (Pvt) Ltd

Project: Construction of Gulberg City Centre (B1 Floor Slab Grid 2- 5/ A-E)

Our Ref. No. CL/CED/ 1393 Dated: 08-03-23 **Test Specification**

Your Ref. No. OCC/CPD/16/118 Dated: 06-03-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 6/03/2023 **Tested on:** 08-03-23 **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	28	1	2023	6Diax12	---	14	28.28	71	5624	---	Non Engraved
2	4000 Psi	28	1	2023	6Diax12	---	13.8	28.28	85	6733	---	Non Engraved
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Witnessed by:

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

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

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

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

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

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.

4898
Dr. Aqsa

To: Engr. Major Zia ul Islam (R)
Project Manager, GCC, Lahore, Overseas Construction Co. (Pvt) Ltd

Project: Construction of Gulberg City Centre (Shear Wall C-30)

Our Ref. No. CL/CED/ 1394 Dated: 08-03-23 Test Specification

Your Ref. No. OCC/CPD/16/115 Dated: 06-03-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 6/03/2023 Tested on: 08-03-23 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	23	1	2023	6Diax12	---	14.4	28.28	90	7129	---	Non Engraved
2	6000 Psi	23	1	2023	6Diax12	---	14	28.28	86	6812	---	Non Engraved
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Witnessed by:

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

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

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

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

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

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.

4898
Dr. Aqsa

To: Engr. Major Zia ul Islam (R)
Project Manager, GCC, Lahore, Overseas Construction Co. (Pvt) Ltd

Project: Construction of Gulberg City Centre (B-1- 7'-8" (L-G) Grid 5-2, A3-E3)

Our Ref. No. CL/CED/ 1395 **Dated:** 08-03-23 **Test Specification**

Your Ref. No. OCC/CPD/20/137 **Dated:** 06-03-23 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 6/03/2023 **Tested on:** 08-03-23 **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	25	2	2023	6Diax12	---	13	28.28	58	4594	---	Non Engraved
2	4000 Psi	25	2	2023	6Diax12	---	13.4	28.28	57	4515	---	Non Engraved
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Witnessed by:

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

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

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

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

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

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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4898
Dr. Aqsa

To: Engr. Major Zia ul Islam (R)
Project Manager, GCC, Lahore, Overseas Construction Co. (Pvt) Ltd

Project: Construction of Gulberg City Centre (Grid 5/A, B1, Ramp Column Grid 4/A, B1 Grid 3)

Our Ref. No. CL/CED/ 1396 Dated: 08-03-23

Your Ref. No. OCC/CPD/17/121 Dated: 06-03-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 6/03/2023 Tested on: 08-03-23 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	31	1	2023	6Diax12	---	14	28.28	83	6574	---	Non Engraved
2	6000 Psi	31	1	2023	6Diax12	---	14	28.28	77	6099	---	Non Engraved
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Witnessed by:

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

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

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

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

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

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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4898
Dr. Aqsa

To: Engr. Major Zia ul Islam (R)
Project Manager, GCC, Lahore, Overseas Construction Co. (Pvt) Ltd

Project: Construction of Gulberg City Centre (Raft Grid 1.1-1/B1-E3)

Our Ref. No. CL/CED/ 1397 Dated: 08-03-23 **Test Specification**

Your Ref. No. OCC/CPD/15/113 Dated: 06-03-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 6/03/2023 **Tested on:** 03-08-23 **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	19	1	2023	6Diax12	---	13.6	28.28	86	6812	---	Non Engraved
2	5000 Psi	19	1	2023	6Diax12	---	14	28.28	63	4990	---	Non Engraved
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Witnessed by:

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

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

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

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

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

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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4898
Dr. Aqsa

To: Engr. Major Zia ul Islam (R)
Project Manager, GCC, Lahore, Overseas Construction Co. (Pvt) Ltd

Project: Construction of Gulberg City Centre (Retaining Wall Grid 1.1-2/F.2-H Column)

Our Ref. No. CL/CED/ 1398 Dated: 08-03-23

Your Ref. No. OCC/CPD/18/127 Dated: 06-03-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 6/03/2023 Tested on: 08-03-23 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	7	2	2023	6Diax12	---	13.6	28.28	83	6574	---	Non Engraved
2	6000 Psi	7	2	2023	6Diax12	---	13.8	28.28	78	6178	---	Non Engraved
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Witnessed by:

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

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

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

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

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

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.

4898
Dr. Aqsa

To: Engr. Major Zia ul Islam (R)
Project Manager, GCC, Lahore, Overseas Construction Co. (Pvt) Ltd

Project: Construction of Gulberg City Centre (B1 Lift Shear Wall)

Our Ref. No. CL/CED/ 1399 Dated: 08-03-23 Test Specification

Your Ref. No. OCC/CPD/18/128 Dated: 06-03-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 6/03/2023 Tested on: 08-03-23 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	8	2	2023	6Diax12	---	13.8	28.28	73	5782	---	Non Engraved
2	6000 Psi	8	2	2023	6Diax12	---	13.6	28.28	81	6416	---	Non Engraved
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Witnessed by:

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

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

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

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

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

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

4898
Dr. Aqsa

To: Engr. Major Zia ul Islam (R)
Project Manager, GCC, Lahore, Overseas Construction Co. (Pvt) Ltd

Project: Construction of Gulberg City Centre (Basement-42' Grid 1.1/D-E.3 Column)

Our Ref. No. CL/CED/ 1400 Dated: 08-03-23

Your Ref. No. OCC/CPD/18/126 Dated: 06-03-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 6/03/2023 Tested on: 08-03-23 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	6	2	2023	6Diax12	---	13.2	28.28	63	4990	---	Non Engraved
2	6000 Psi	6	2	2023	6Diax12	---	13	28.28	66	5228	---	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.

4898
Dr. Aqsa

To: Engr. Major Zia ul Islam (R)
Project Manager, GCC, Lahore, Overseas Construction Co. (Pvt) Ltd

Project: Construction of Gulberg City Centre (Raft Grid 1.1-1/E.3-11-42')

Our Ref. No. CL/CED/ 1401 Dated: 08-03-23

Your Ref. No. OCC/CPD/18/125 Dated: 06-03-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 6/03/2023 Tested on: 08-03-23 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	5	2	2023	6Diax12	---	14	28.28	65	5149	---	Non Engraved
2	5000 Psi	5	2	2023	6Diax12	---	13.2	28.28	71	5624	---	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.

4886
Dr. Aqsa

To: Engr. Hamza
Site Engineer, Architects InDesign

Project: Construction of Plot No. 07, Block Q, Gulberg-II, Lahore

Our Ref. No. CL/CED/ 1402 **Dated: 08-03-23** **Test Specification**

Your Ref. No. Nil **Dated: 03-03-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 3/03/2023 Tested on: 08-03-23 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	---	3	2	2023	6Diax12	---	14	28.28	54	4277	---	Non Engraved
2	---	3	2	2023	6Diax12	---	13.4	28.28	58	4594	---	Non Engraved
3	---	3	2	2023	6Diax12	---	13	28.28	52	4119	---	Non Engraved
4	---	3	2	2023	6Diax12	---	12.8	28.28	50	3960	---	Non Engraved
5	---	3	2	2023	6Diax12	---	14	28.28	62	4911	---	Non Engraved
6	---	3	2	2023	6Diax12	---	13.6	28.28	61	4832	---	Non Engraved
7		3	2	2023	6Diax12	---	13	28.28	58	4594	---	Non Engraved
8	---	3	2	2023	6Diax12	---	13.4	28.28	50	3960	---	Non Engraved
9	---	---	---	---	---	---	---	---	---	---	---	---
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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.

4829
Dr. Aqsa

To: Mr. Atif Ali Awan
Resident Engineer, Lahore. Engineering Consultancy Services Punjab (Pvt.) Ltd.

Project: Infrastructure Development and Construction of Affordable Housing Units at Moza Rakh Paji, Tehsil, Raiwind, District Lahore. (Contract No. AHU/333/01)

Our Ref. No. CL/CED/ 1403 Dated: 08-03-23 Test Specification

Your Ref. No. ECS/RE/LH/97 Dated: 20/02/2022 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 22/2/2023 Tested on: 08-03-23 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3655	29.64	93	7028	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3510	29.64	78	5895	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3715	29.64	39	2947	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3420	29.64	80	6046	---	---
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3385	29.64	36	2721	---	---
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Witnessed by: CNIC: 16101-1215427-7

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

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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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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.

4879
Engr. A. Rehman

To: Mr. Saifullah Amin
Senior Resident Engineer, Environmental & Public Health Engineering Division, NESPAK House

Project: Punjab Intermediate Cities Improvement Investment Program (PICIIP) Consultancy Services for Engineering Procurement and Construction Management. WATSAN Sialkot (NCB-Works/PICIIP-11) Lot-01.

Our Ref. No. CL/CED/ 1404 Dated: 08-03-23 Test Specification

Your Ref. No. Nespak/SAH/UET/L1/058 Dated: 14/02/2023 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 02-03-23 Tested on: 08-03-23 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.3	---	2985	30.42	138	10162	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.3	---	2785	30.42	110	8100	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.3	---	2825	30.42	108	7953	---	---
4	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.3	---	3005	30.42	118	8689	---	---
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Witnessed by: Mr. Hammad Rasool, CNIC # 35200-1460903-9

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

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

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