

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

Your Ref. No. G3/DHA-NLD/RE/142 Dated:

Test Specification

(ASTM C39)

06-03-23

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*			Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	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

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



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> 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
 Test Specification

 Your Ref. No.
 AC/B-40/09
 Dated:
 08-03-23
 (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*			Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
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/

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- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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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/
 1387
 Dated:
 08-03-23
 Test Specification

 Your Ref. No.
 IMP/PM/66/09/130
 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*			Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	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/

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> 4866 Dr. Umbreen

To: Mr. Muhammad Asif

Project Manager, Imperium Developer

Project: Construction of Sixty6 at Gulberg-III, Lahore

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 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*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
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

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> 4901 Dr. Aqsa

Test Specification

To: Mr. Salman Igbal

Director, M. Siddique Sons Building Contractor

Our Ref. No. CL/CED/ 1389

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

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

Dated:

08-03-23

COMPRESSION TEST REPORT

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

6/03/2023 Tested on: Specimens received on: 08-03-23 in dry/wet condition



Sr. No.	Mark*	Cas		Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
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/

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- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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4901 Dr. Aqsa

Test Specification

(ASTM C39)

To: Mr. Salman Iqbal

Director, M. Siddique Sons Building Contractor

Our Ref. No. CL/CED/ 1390

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

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Your Ref. No. 0 Dated: 06-02-23

Dated:

08-03-23

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*			Date*	Size	Wet Weight		Area of X-Section (Sq. in)		Ultimate Stress	Water Absorpti on (%)	Remarks
	(D. (I) TD				• •		(Kg/ gms)		(Imp.Tons)			
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
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Witnessed by: Mr. Bilal Iqbal, CNIC: 35201-8407566-5

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- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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> 4901 Dr. Aqsa

Test Specification

To: Mr. Salman Igbal

Director, M. Siddique Sons Building Contractor

Our Ref. No. CL/CED/ 1391

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

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

Dated:

08-03-23

COMPRESSION TEST REPORT

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

6/03/2023 Tested on: Specimens received on: 08-03-23 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
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

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- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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> 4899 Dr. Aqsa

Test Specification

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

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*			Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
			MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
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/

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- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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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 (B1 Floor Slab Grid 2- 5/ A-E)

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

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



Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
	DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
4000 Psi	28	1	2023	6Diax12		14	28.28	71	5624		Non Engraved
4000 Psi	28	1	2023	6Diax12		13.8	28.28	85	6733		Non Engraved
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	4000 Psi 4000 Psi	Mark* DD 4000 Psi 28 4000 Psi 28	Mark* DD MM 4000 Psi	DD MM YYYY 4000 Psi	Mark* DD MM YYYY (in) 4000 Psi 28 1 2023 6Diax12	Mark* Casting Date* Size Weight	Mark* Casting Date* Size Weight Weight	Mark*	Mark*	Mark*	Mark*

Witnessed by:

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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 (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*			Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	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:

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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 (B-1-7'-8" (L-G) Grid 5-2, A3-E3)

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

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



Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
	DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
4000 Psi	25	2	2023	6Diax12		13	28.28	58	4594		Non Engraved
4000 Psi	25	2	2023	6Diax12		13.4	28.28	57	4515		Non Engraved
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	4000 Psi 4000 Psi	Mark* DD 4000 Psi 25 4000 Psi 25	Mark* DD MM 4000 Psi	DD MM YYYY 4000 Psi	Mark* DD MM YYYY (in) 4000 Psi	Mark* Casting Date* Size Weight	Mark* Casting Date* Size Weight Weight	Mark*	Mark*	Mark*	Mark* Casting Date* Size Weight Weight (Kg/gms) Weight (Kg/gms) X-Section (Sq. in) (Imp.Tons) Absorption (%) 4000 Psi 25 2 2023 6Diax12 13 28.28 58 4594 4000 Psi 25 2 2023 6Diax12 13.4 28.28 57 4515 <t< td=""></t<>

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

- 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.



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

Test Specification

(ASTM C39)

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

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



Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
	DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
6000 Psi	31	1	2023	6Diax12		14	28.28	83	6574		Non Engraved
6000 Psi	31	1	2023	6Diax12		14	28.28	77	6099		Non Engraved
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	6000 Psi 6000 Psi	Mark* DD 6000 Psi 31 6000 Psi 31	Mark* DD MM 6000 Psi 31 1	DD MM YYYY 6000 Psi 31 1 2023	DD MM YYYY (in) 6000 Psi 31 1 2023 6Diax12	Mark* Casting Date* Size Weight	Mark* DD MM YYYY (in) (Kg/ gms) (K	Mark*	Mark*	Mark*	Mark*

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

- 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.



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/B1-E3)

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

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*			Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	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

- 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.



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

Test Specification

(ASTM C39)

To: Engr. Major Zia ul Islam (R)

Our Ref. No. CL/CED/ 1398

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)

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

Dated:

08-03-23

COMPRESSION TEST REPORT

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

6/03/2023 Tested on: Specimens received on: 08-03-23 in dry/wet condition



Mark*	Cas	ting	Date*		Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
	DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
6000 Psi	7	2	2023	6Diax12		13.6	28.28	83	6574		Non Engraved
6000 Psi	7	2	2023	6Diax12		13.8	28.28	78	6178		Non Engraved
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	6000 Psi 6000 Psi	Mark* DD 6000 Psi 7 6000 Psi 7	Mark* DD MM 6000 Psi 7 2 6000 Psi 7 2	DD MM YYYY 6000 Psi 7 2 2023 6000 Psi 7 2 2023	DD MM YYYY (in) 6000 Psi 7 2 2023 6Diax12	Mark* Casting Date* Size Weight	Mark* DD MM YYYY (in) (Kg/ gms) (K	Mark*	Mark*	Mark*	Mark* Casting Date* Size Weight Weight (Kg/gms) Weight (Kg/gms) X-Section (Ioad (Imp.Tons)) Absorption (%) 6000 Psi 7 2 2023 6Diax12 13.6 28.28 83 6574 6000 Psi 7 2 2023 6Diax12 13.8 28.28 78 6178

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

- 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.



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** (ASTM C39)

Your Ref. No. OCC/CPD/18/128 Dated: 06-03-23

COMPRESSION TEST REPORT

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

6/03/2023 Tested on: Specimens received on: 08-03-23 in dry/wet condition



Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
	DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
6000 Psi	8	2	2023	6Diax12		13.8	28.28	73	5782		Non Engraved
6000 Psi	8	2	2023	6Diax12		13.6	28.28	81	6416		Non Engraved
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	6000 Psi 6000 Psi	Mark* DD 6000 Psi 8 6000 Psi 8	Mark* DD MM 6000 Psi 8 2 6000 Psi 8 2	DD MM YYYY 6000 Psi 8 2 2023	DD MM YYYY (in) 6000 Psi 8 2 2023 6Diax12	Mark* Casting Date* Size Weight	Mark* Casting Date* Size Weight Weight	Mark*	Mark*	Mark*	Mark* Casting Date* Size Weight Weight (Kg/gms) Weight (Kg/gms) X-Section (Ioad (Imp.Tons)) Weight Absorption (%) 6000 Psi 8 2 2023 6Diax12 13.8 28.28 73 5782 6000 Psi 8 2 2023 6Diax12 13.6 28.28 81 6416

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

- 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.



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

ORIGINAL

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> 4898 Dr. Aqsa

Test Specification

(ASTM C39)

To: Engr. Major Zia ul Islam (R)

Our Ref. No. CL/CED/ 1400

Project Manager, GCC, Lahore, Overseas Construction Co. (Pvt) Ltd

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

1 Toject. Construction of Guiberg Oity Centre (Basement-42 Ond 1.175-2.3 Column)

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

Dated:

08-03-23

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



	Mork*	Cas	ting	Date*	Size	Wet	Dry	Area of		Ultimate	Water	
Sr. No.	Mark*					Weight	Weight	X-Section	load	Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
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
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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

- 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.



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 **Test Specification** (ASTM C39)

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

COMPRESSION TEST REPORT

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

6/03/2023 Tested on: Specimens received on: 08-03-23 in dry/wet condition



Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	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
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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

- 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.



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

ORIGINAL

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> 4886 Dr. Aqsa

Test Specification

(ASTM C39)

To: Engr. Hamza

Site Engineer, Architects InDesign

Our Ref. No. CL/CED/ 1402

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

1 Toject. Construction of Flot No. 07, Block &, Culberg-II, Lanore

Your Ref. No. Nil Dated: 03-03-23

Dated:

08-03-23

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.	r. No. Mark*		ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
			ММ	YYYY	(in) (Kg/ g		(Kg/ gms)		(Imp.Tons)	(psi)	on (%)	
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	GINE	RI 14	28.28	62	4911		Non Engraved
6		3	2	2023	6Diax12	READW	13.6	28.28	61	4832		Non Engraved
7		3	2	2023	6Diax12	DHE NAME OF THY LIORD WHO	13	28.28	58	4594		Non Engraved
8		3	2	2023	6Diax12		13.4	28.28	50	3960		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

- 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.



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.	r. No. Mark*		ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
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	GINE	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/

- 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

- 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.



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

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

Test Specification

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*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
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/

- 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

- 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.