

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.

> 5211 Dr. Umbreen

To: Lt. Col (R) Khalid Mahmood Zia

Your Ref. No.

Resident Engineer (ACE) Arts

Project: Constrcution of Academic Block at GC University Lahore at Kala Shah Kaku. (Contractor: M/S

Perk Engineers & Contractor Pvt. Ltd.)

Our Ref. No. CL/CED/ 1873

Dated: 16-05-23

Test Specification
(BS 1881-116)

Dated: 11-05-23

COMPRESSION TEST REPORT

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

RE/PERK/C-17

Specimens received on: 15-05-23 Tested on: 15-05-23 in dry/wet condition





Sr. No.	Sr. No. Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	CF-3 (1:2:4)	1	4	23	6x6x6		8.4	36	71	4418		Non Engraved
2	CF-3 (1:2:4)	1	4	23	6x6x6		8.4	36	73	4542		Non Engraved
3	CF-4 (1:2:4)	3	4	23	6x6x6		8.4	36	43	2676		Non Engraved
4	CF-4 (1:2:4)	3	4	23	6x6x6		8.2	36	53	3298		Non Engraved
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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 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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To: Lt. Col (R) Khalid Mahmood Zia

Resident Engineer (ACE) Arts

Project: Constrcution of Academic Block at GC University Lahore, at Kala Shah Kaku. (Contractor: M/S

Perk Engineers & Contractor Pvt. Ltd.)

Our Ref. No. CL/CED/ 1874

Dated: 16-05-23

Test Specification
(BS 1881-116)

Your Ref. No. RE/PERK/C-18

Dated: 12-05-23

COMPRESSION TEST REPORT

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

Specimens received on: 15-05-23 Tested on: 15-05-23 in dry/wet condition





Sr. No.	Mark*	Cas		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	F-10 (1:2:4)	13	4	23	6x6x6		8.4	36	71	4418		Non Engraved
2	F-10 (1:2:4)	13	4	23	6x6x6		8	36	49	3049		Non Engraved
3	CF-6 (1:2:4)	13	4	23	6x6x6		8.4	36	71	4418		Non Engraved
4	CF-6 (1:2:4)	13	4	23	6x6x6		8.4	36	73	4542		Non Engraved
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Witnessed by: Nil

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

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- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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> 5211 Dr. Umbreen

To: Lt. Col (R) Khalid Mahmood Zia

Your Ref. No.

Resident Engineer (ACE) Arts

Project: Constrcution of Academic Block at GC University Lahore, at Kala Shah Kaku. (Contractor: M/S

Perk Engineers & Contractor Pvt. Ltd.)

Our Ref. No. CL/CED/ 1875

Dated: 16-05-23

Test Specification
(BS 1881-116)

Dated: 12-05-23

COMPRESSION TEST REPORT

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

RE/PERK/C-19

Specimens received on: 15-05-23 Tested on: 15-05-23 in dry/wet condition





Sr. No.	Sr. No. Mark*			Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	OII (70)	
1	F-2 (1:2:4)	17	4	23	6x6x6		8.6	36	73	4542		Engraved
2	F-2 (1:2:4)	17	4	23	6x6x6		8.4	36	69	4293		Engraved
3	CF-4 (1:2:4)	17	4	23	6x6x6		8.4	36	67	4169		Engraved
4	CF-4 (1:2:4)	17	4	23	6x6x6		8.4	36	69	4293		Engraved
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Witnessed by: Nil

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ORIGINAL

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

> 5212 Dr. Umbreen

To: Project Manager Baig Construction

Project: Construction of Jinnah Squair Mall, Khyaban e Jinnah Road, Lahore.

 Our Ref. No. CL/CED/
 1876
 Dated:
 16-05-23
 Test Specification

 Your Ref. No.
 CBT/UET/08
 Dated:
 15-05-23
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 15-05-23 Tested on: 15-05-23 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	Raft (3750 psi)	11	4	2023	6Diax12		13.6	28.28	73	5782		Non Engraved
2	Raft (3750 psi)	11	4	2023	6Diax12		13	28.28	47	3723		Non Engraved
3	Raft (3750 psi)	11	4	2023	6Diax12		13.4	28.28	71	5624		Non Engraved
4	Raft (3750 psi)	11	4	2023	6Diax12		14	28.28	45	3564		Non Engraved
5	Raft (3750 psi)	11	4	2023	6Diax12	GINE	13.4	28.28	73	5782		Non Engraved
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Witnessed by: Mr. M. Yaseen Khan, CNIC # 16102-7094244-7

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

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> 5174 Dr. Umbreen

To: Eng. Ahmad Ramzan, Manager Construction

Plan & Built (Pvt) Ltd

Our Ref. No. CL/CED/ 1877

Project: Constrcution of Bajuar Height at Meclord Road Lahore.

Your Ref. No. Nil Dated: 04-05-23 (ASTM C39)

Dated:

16-05-23

COMPRESSION TEST REPORT

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

Specimens received on: 04-05-23 Tested on: 09-05-23 in dry/wet condition



Test Specification



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	3000 psi	7	4	2023	6Diax12		14	28.28	51	4040		Non Engraved
2	3000 psi	7	4	2023	6Diax12		14	28.28	65	5149		Non Engraved
3	3000 psi	7	4	2023	6Diax12		13.6	28.28	63	4990		Non Engraved
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Witnessed by: Nil

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> 5174 Dr. Umbreen

To: Eng. Ahmad Ramzan, Manager Construction

Plan & Built (Pvt) Ltd

Our Ref. No. CL/CED/ 1878

Project: Constrcution of Bajuar Height at Meclord Road Lahore.

Your Ref. No. Nil Dated: 04-05-23 (ASTM C39)

Dated:

16-05-23

COMPRESSION TEST REPORT

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

Specimens received on: 04-05-23 Tested on: 09-05-23 in dry/wet condition



Test Specification



Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	3000 psi	18	4	2023	6Diax12		13.4	28.28	63	4990		Non Engraved
2	3000 psi	18	4	2023	6Diax12		13	28.28	57	4515		Non Engraved
3	3000 psi	18	4	2023	6Diax12		12.6	28.28	15	1188		Non Engraved
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Witnessed by: Nil

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> 5193 Dr. Umbreen

To: Mr. Muhammad Irfan, Material Engineer Banu Mukhtar Contracting (Pvt) Ltd.

Project: Burj-1 by Ajwa Builders

Our Ref. No. CL/CED/ 1879

Dated: 16-05-23

Your Ref. No. DOC-BMC/AJWA/058 Dated: 08-05-23

Test Specification

(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 09-05-23 Tested on: 15-05-23 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)	OII (/6)	
1	Main Building G.F (6000 Psi)	10	4	2023	6Diax12		14.2	28.28	134	10614		Non Engraved
2	Main Building G.F (6000 Psi)	10	4	2023	6Diax12		14	28.28	120	9505		Non Engraved
3	Main Building G.F (6000 Psi)	10	4	2023	6Diax12		13.6	28.28	100	7921		Non Engraved
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Witnessed by: Nil

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- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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> 5193 Dr. Umbreen

To: Mr. Muhammad Irfan, Material Engineer Banu Mukhtar Contracting (Pvt) Ltd

Project: Burj-1 by Ajwa Builders

Our Ref. No. CL/CED/ 1880

Dated: 16-05-23

Your Ref. No. DOC-BMC/AJWA/057 Dated: 08-05-23

(ASTM C39)

Test Specification

COMPRESSION TEST REPORT

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

09-05-23 Specimens received on: Tested on: 15-05-23 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Main Building G.F (6000 Psi)	8	4	2023	6Diax12		14	28.28	134	10614		Non Engraved
2	Main Building G.F (6000 Psi)	8	4	2023	6Diax12		14	28.28	110	8713		Non Engraved
3	Main Building G.F (6000 Psi)	8	4	2023	6Diax12		14	28.28	120	9505		Non Engraved
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Witnessed by: Nil

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- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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ORIGINAL

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> 5206 Dr. M. Yousaf

To: PRO-CON

New Airport Road, Lahore Cantt.

Project: Nil

Our Ref. No. CL/CED/ 1881 Dated:

Your Ref. No. Nil Dated: 15-05-23

Test Specification

16-05-23

(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 15-05-23 Tested on: 16-05-23 in dry/wet condition



Sr. No.	r. 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	3000 Psi	11	4	2023	6Diax12		13.2	28.28	62	4911		Non Engraved
2	3000 Psi	11	4	2023	6Diax12		14	28.28	83	6574		Non Engraved
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Witnessed by: Mr. M. Shahid, CNIC # 35202-7701085-7

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
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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> 5204 Dr. Umbreen

To: Engr's. Abdul Waheed

Our Ref. No. CL/CED/ 1882

Project Manager, OZ DEVELOPERS (Pvt) Ltd.

Project: Constructing a High-Rise Building "Bahria Sky" at Bahria Orchard, Phase 4, Lahore.

Your Ref. No. Nil Dated: 09-05-23 (ASTM C39)

Dated:

16-05-23

COMPRESSION TEST REPORT

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

Specimens received on: 09-05-23 Tested on: 15-05-23 in dry/wet condition



Test Specification



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		14	4	2023	6Diax12		14	28.28	51	4040		Non Engraved
2		14	4	2023	6Diax12		14	28.28	63	4990		Non Engraved
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Witnessed by: Nil

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

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- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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> 5183 Dr. Umbreen

To: Mr. Muhammad Irfan, Material Engineer

Banu Mukhtar Contracting (Pvt) Ltd.

Project: Burj-1 by Ajwa Builders

Your Ref. No.

Our Ref. No. CL/CED/ 1883

Dated: 16-05-23

Test Specification

Dated: 05-05-23 (ASTM C39)

COMPRESSION TEST REPORT

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

DOC-BMC/AJWA/054

Specimens received on: 05-05-23 Tested on: 15-05-23 in dry/wet condition





Sr. No.				Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (76)	
1	Main Building G.F (6000 Psi)	5	4	2023	6Diax12		14	28.28	136	10772		Non Engraved
2	Main Building G.F (6000 Psi)	5	4	2023	6Diax12		14	28.28	102	8079		Non Engraved
3	Main Building G.F (6000 Psi)	5	4	2023	6Diax12		14	28.28	98	7762		Non Engraved
4												
5						RINE	RING					
6						READ IN	200					
7						DE THY LIDRO WHO		= -				
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16												

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 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.

> 5183 Dr. Umbreen

To: Mr. Muhammad Irfan, Material Engineer

Banu Mukhtar Contracting (Pvt) Ltd

Project: Burj-1 by Ajwa Builders

Our Ref. No. CL/CED/ 1884 Dated: 16-05-23

Your Ref. No. DOC-BMC/AJWA/055 Dated: 05-05-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 05-05-23 Tested on: 15-05-23 in dry/wet condition

ONLINE REPORT

Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load		Water Absorpti on (%)	Remarks
	M : D !!! OF	DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	0 (70)	
1	Main Building G.F (6000 Psi)	6	4	2023	6Diax12		14.2	28.28	114	9030		Non Engraved
2	Main Building G.F (6000 Psi)	6	4	2023	6Diax12		13.6	28.28	51	4040		Non Engraved
3	Main Building G.F (6000 Psi)	6	4	2023	6Diax12		14	28.28	65	5149		Non Engraved
4												
5					/	RILE	RING					
6						READIN	200	X				
7						DHE NAME OF THY LIDRO WHO	JE	E-3				
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14												
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16												

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 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.

> 5183 Dr. Umbreen

To: Mr. Muhammad Irfan Material Engineer Banu Mukhtar Contracting (Pvt) Ltd

Project: Burj-1 by Ajwa Builders

Our Ref. No. CL/CED/ 1885 Dated: 16-05-23 <u>Test Specification</u>

Your Ref. No. DOC-BMC/AJWA/056 Dated: 05-05-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 05-05-23 Tested on: 15-05-23 in dry/wet condition



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Main Building G.F (6000 Psi)	7	4	2023	6Diax12		14.4	28.28	57	4515		Non Engraved
2	Main Building G.F (6000 Psi)	7	4	2023	6Diax12		13.6	28.28	53	4198		Non Engraved
3	Main Building G.F (6000 Psi)	7	4	2023	6Diax12		14	28.28	136	10772		Non Engraved
4												
5						CEINE	RINA					
6						READ W	200					
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16												

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 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.

> 5216 Dr. Aqsa

To: Mr. Ehsan Ali Shah, C.E.O

Shaikh Combined Industries (Pvt) Ltd.

Project: Nil

Your Ref. No.

Our Ref. No. CL/CED/ 1886

Dated: Dated: 16-05-23 09-05-23 **Test Specification**

(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 15-05-23 Tested on: 16-05-23 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	Pile # 55	4	4	23	6x6x6		8	36	71	4418		Engraved
2	Pile # 57	8	4	23	6x6x6		7.8	36	65	4044		Engraved
3	Pile # 63	8	4	23	6x6x6		7.8	36	70	4356		Engraved
4	Pile # 66	8	4	23	6x6x6		7.8	36	81	5040		Engraved
5	Pile # 53	9	4	23	6x6x6	GINE	RI 8	36	100	6222		Non Engraved
6	Pile # 75	9	4	23	6x6x6	READIN	8	36	103	6409		Non Engraved
7	Pile # 54	12	4	23	6x6x6	DHE NAME OF THY LIDRO WHO	7.8	36	72	4480		Non Engraved
8	Pile # 73	12	4	23	6x6x6		7.8	36	94	5849		Non Engraved
9	Pile # 52	13	4	23	6x6x6		8	36	96	5973		Non Engraved
10	Pile # 62	13	4	23	6x6x6	"-LA	7.8	36	106	6596		Non Engraved
11	Pile # 64	15	4	23	6x6x6		8	36	106	6596		Non Engraved
12	Pile # 67	15	4	23	6x6x6		8	36	108	6720		Non Engraved
13												
14												
15												
16												

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 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.

> 5192 Dr. Aqsa

To: Mr. Omair Sadiq

Our Ref. No. CL/CED/ 1887

Project Manager, One Liberty Mall and H&S Hotel

Project: One Liberty Mall and H&S Hotel located at Noor Jehan Road, Gulberg III, Lahore.

...,

Your Ref. No. OL/OS/2023/45 Dated: 08-05-23

Dated:

16-05-23

COMPRESSION TEST REPORT

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

Specimens received on: 09-05-23 Tested on: 15-05-23 in dry/wet condition



Test Specification

(ASTM C39)



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	16th Floor Slab	7	4	2023	6Diax12		13.4	28.28	75	5941		Non Engraved
2	16th Floor Slab	7	4	2023	6Diax12		13.4	28.28	81	6416		Non Engraved
3	16th Floor Slab	7	4	2023	6Diax12		13.6	28.28	89	7050		Non Engraved
4	Lift Walls 15th-16th Floor	5	4	2023	6Diax12		13.6	28.28	85	6733		Non Engraved
5	Lift Walls 15th-16th Floor	5	4	2023	6Diax12	GINE	13.6	28.28	103	8158		Non Engraved
6	Lift Walls 15th-16th Floor	5	4	2023	6Diax12	READIN	13.2	28.28	105	8317		Non Engraved
7						DE NAME OF THY LORD WHO	4. <u></u>	==				
8					65 GE			<u> </u>				
9						%	797	7				
10					(-LA	IOR'S					
11												
12												
13												
14												
15												
16												

Witnessed by: Mr. Yasir Iqbal, CNIC # 35201-4432046-5

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 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.

> 5140 Dr. Aqsa

To: Mr. Waqas Ali

VARIANT, 25-t Gulberg 2, Lahore

Project: Nil

 Our Ref. No. CL/CED/
 1888
 Dated:
 16-05-23
 Test Specification

 Your Ref. No.
 VA/29/74
 Dated:
 19-04-23
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 19-04-23 Tested on: 15-05-23 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Ground Floor Columns	10	3	2023	6Diax12		14.2	28.28	106	8396		Non Engraved
2	Ground Floor Columns	10	3	2023	6Diax12		14.2	28.28	93	7366		Non Engraved
3	Ground Floor Columns	10	3	2023	6Diax12		14	28.28	108	8554		Non Engraved
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5					/	RIVE	RING					
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11												
12												
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14												
15												
16												

Witnessed by: Mr. M. Khurram, CNIC # 35201-2458690-9

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.



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.

> 5020 Dr. M. Yousaf

To: Mr. Umair Badar, Site Incharge

Tetra Ready Mix Pvt. Ltd. A Concrete Solutions Company, Gulberg III, Lahore.

Project: House No, 45M A/3, Gulberg III, Lahore. (Client: Mr. Haroon Malik Residence)

Our Ref. No. CL/CED/ 1889 Dated: 16-05-23

Your Ref. No. TRM/Shahzad/013 Dated: 28-03-23

COMPRESSION TEST REPORT

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

Specimens received on: 28-03-23 Tested on: 16-05-23 in dry/wet condition



Test Specification

(ASTM C39)



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	(5000 Psi)	1	3	2023	6Diax12		13.2	28.28	96	7604		Non Engraved
2	(5000 Psi)	1	3	2023	6Diax12		13.2	28.28	99	7842		Non Engraved
3												
4												
5						GINE	RING					
6						NEADW	200					
7					1	DE NAME OF THY LORD WHO	- E					
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11												
12												
13												
14												
15												
16												

Witnessed by: Mr. Umair Badar, CNIC # 35201-6685227-9

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.



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.

> 5197 Dr. Umbreen

To: Prof. Dr. Engr. Abdullah Yasar, Campus Engineer

GC University, Lahore. Engineering Cell

Project: Constrcution of New Girls Hostel at Main Campus, GC University, Lahore.

Our Ref. No. CL/CED/ 1890 Dated: 16-05-23 <u>Test Specification</u>

Your Ref. No. GCU/Engr/004/A Dated: 08-05-23 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 09-05-23 Tested on: 15-05-23 in dry/wet condition





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Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Roof Slab (1:2:4)	19	3	2023	6x6x6		8.4	36	98	6098		Non Engraved
2	Roof Slab (1:2:4)	19	3	2023	6x6x6		8.6	36	116	7218		Non Engraved
3	Roof Slab (1:2:4)	19	3	2023	6x6x6		8.4	36	130	8089		Non Engraved
4												
5					/	GHE	ERINE					
6						TREADW	San De	X				
7						DE THY LIDED WHO	- N	=				
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15												
16												
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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 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.

> 5213 Dr. Aqsa

Test Specification

To: Engr. Khalid Sattar, Resident Engineer DHQ Hospital Hafizabad Master Consulting Engineers Pvt. Ltd.

Project: Up Gradation of DHQ Hospital Hafizabad (Group No. 2) ADP NO:768 For The Year 2021-2022

 Our Ref. No. CL/CED/
 1891
 Dated:
 16-05-23

 Your Ref. No.
 MCE/DHQ Hfzd/23/58
 Dated:
 10-04-23

MCE/DHQ Hfzd/23/58 Dated: 10-04-23 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 15/05/2023 Tested on: 16-05-23 in dry/wet condition



Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	RCC Wall	7	3	2023	6x6x6		8.6	36	91	5662		Engraved
2	RCC Wall	7	3	2023	6x6x6		8.8	36	93	5787		Engraved
3	RCC Wall	7	3	2023	6x6x6		8.6	36	91	5662		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
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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.



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.

> 5213 Dr. Aqsa

To: Engr. Khalid Sattar, Resident Engineer DHQ Hospital Hafizabad Master Consulting Engineers Pvt. Ltd.

Project: Up Gradation of DHQ Hospital Hafizabad (Group No. 1) ADP NO:768 For The Year 2021-2022

 Our Ref. No. CL/CED/
 1892
 Dated:
 16-05-23
 Test Specification

 Your Ref. No.
 MCE/DHQ Hfzd/23/57
 Dated:
 10-04-23
 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 15/05/2023 Tested on: 16-05-23 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 (%)	
RCC Columns	11	3	2023	6x6x6		8.4	36	98	6098		Non Engraved
RCC Columns	11	3	2023	6x6x6		8.8	36	102	6347		Non Engraved
RCC Columns	11	3	2023	6x6x6		8.6	36	98	6098		Non Engraved
	RCC Columns RCC Columns	Mark* DD RCC Columns 11 RCC Columns 11	Mark* DD MM RCC Columns 11 3 RCC Columns 11 3	DD MM YYYY	Mark* DD MM YYYY (in) RCC Columns 11 3 2023 6x6x6 RCC Columns 11 3 2023 6x6x6 RCC Columns 11 3 2023 6x6x6	Mark* Casting Date* Size Weight DD MM YYYY (in) (Kg/gms) RCC Columns 11 3 2023 6x6x6 RCC Columns 11 3 2023 6x6x6 RCC Columns 11 3 2023 6x6x6 <tr< td=""><td>Mark* Casting Date* Size Weight Weight RCC Columns 11 3 2023 6x6x6 8.4 RCC Columns 11 3 2023 6x6x6 8.6 RCC Columns 11 3 2023 6x6x6 8.6 </td><td>Mark* Casting Date* Size Weight Weight (Kg/ gms) X-Section (Sq. in) RCC Columns 11 3 2023 6x6x6 8.4 36 RCC Columns 11 3 2023 6x6x6 8.8 36 RCC Columns 11 3 2023 6x6x6 8.6 36 </td><td>Mark* Casting Date* Size Weight (Kg/gms) X-Section (Kg/ gms) Load (Imp.Tons) RCC Columns 11 3 2023 6x6x6 8.4 36 98 RCC Columns 11 3 2023 6x6x6 8.8 36 102 RCC Columns 11 3 2023 6x6x6 8.6 36 98 8.6 36 98 8.6 36 98 </td><td>Mark* Casting Date* Size Weight (Kg/gms) X-Section (Inp.Tons) Load (psi) RCC Columns 11 3 2023 6x6x6 8.4 36 98 6098 RCC Columns 11 3 2023 6x6x6 8.8 36 102 6347 RCC Columns 11 3 2023 6x6x6 8.6 36 98 6098 <td>Mark* Casting Date* Size Weight (Kg/gms) Weight (Kg/gms) X-Section (Sq. in) load (Imp.Tons) Absorption (%) RCC Columns 11 3 2023 6x6x6 8.4 36 98 6098 RCC Columns 11 3 2023 6x6x6 8.8 36 102 6347 RCC Columns 11 3 2023 6x6x6 8.6 36 98 6098 </td></td></tr<>	Mark* Casting Date* Size Weight Weight RCC Columns 11 3 2023 6x6x6 8.4 RCC Columns 11 3 2023 6x6x6 8.6 RCC Columns 11 3 2023 6x6x6 8.6	Mark* Casting Date* Size Weight Weight (Kg/ gms) X-Section (Sq. in) RCC Columns 11 3 2023 6x6x6 8.4 36 RCC Columns 11 3 2023 6x6x6 8.8 36 RCC Columns 11 3 2023 6x6x6 8.6 36	Mark* Casting Date* Size Weight (Kg/gms) X-Section (Kg/ gms) Load (Imp.Tons) RCC Columns 11 3 2023 6x6x6 8.4 36 98 RCC Columns 11 3 2023 6x6x6 8.8 36 102 RCC Columns 11 3 2023 6x6x6 8.6 36 98 8.6 36 98 8.6 36 98	Mark* Casting Date* Size Weight (Kg/gms) X-Section (Inp.Tons) Load (psi) RCC Columns 11 3 2023 6x6x6 8.4 36 98 6098 RCC Columns 11 3 2023 6x6x6 8.8 36 102 6347 RCC Columns 11 3 2023 6x6x6 8.6 36 98 6098 <td>Mark* Casting Date* Size Weight (Kg/gms) Weight (Kg/gms) X-Section (Sq. in) load (Imp.Tons) Absorption (%) RCC Columns 11 3 2023 6x6x6 8.4 36 98 6098 RCC Columns 11 3 2023 6x6x6 8.8 36 102 6347 RCC Columns 11 3 2023 6x6x6 8.6 36 98 6098 </td>	Mark* Casting Date* Size Weight (Kg/gms) Weight (Kg/gms) X-Section (Sq. in) load (Imp.Tons) Absorption (%) RCC Columns 11 3 2023 6x6x6 8.4 36 98 6098 RCC Columns 11 3 2023 6x6x6 8.8 36 102 6347 RCC Columns 11 3 2023 6x6x6 8.6 36 98 6098

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.

> 5213 Dr. Aqsa

Test Specification

To: Engr. Khalid Sattar, Resident Engineer DHQ Hospital Hafizabad Master Consulting Engineers Pvt. Ltd.

Project: Up Gradation of DHQ Hospital Hafizabad (Group No. 1) ADP NO:768 For The Year 2021-2022

Our Ref. No. CL/CED/ 1893 Dated: 16-05-23

Your Ref. No. MCE/DHQ Hfzd/23/61 Dated: 02-05-23 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 15/05/2023 Tested on: 16-05-23 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 (%)	
1	Ramp Slab	5	4	2023	6x6x6		8.2	36	60	3733		Engraved
2	Ramp Slab	5	4	2023	6x6x6		8.4	36	62	3858		Engraved
3	Ramp Slab	5	4	2023	6x6x6		8.2	36	89	5538		Engraved
4												
5												
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7												
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9												
10												
11												
12												
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14												
15										-		
16												
16 Witness												

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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ORIGINAL

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> 5213 Dr. Aqsa

Test Specification

(BS 1881-116)

To: Engr. Khalid Sattar, Resident Engineer DHQ Hospital Hafizabad Master Consulting Engineers Pvt. Ltd.

Project: Up Gradation of DHQ Hospital Hafizabad (Group No. 1) ADP NO:768 For The Year 2021-2022

Our Ref. No. CL/CED/ 1894 Dated: 16-05-23

Your Ref. No. MCE/DHQ Hfzd/23/52 Dated: 01-04-23

COMPRESSION TEST REPORT

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

Specimens received on: 15/05/2023 Tested on: 16-05-23 in dry/wet condition



r. No. Mark*			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 (%)	
RCC Roof Slab	2	3	2023	6x6x6		9.2	36	100	6222		Engraved
RCC Roof Slab	2	3	2023	6x6x6		8.6	36	92	5724		Engraved
RCC Roof Slab	2	3	2023	6x6x6		8.8	36	108	6720		Engraved
	RCC Roof Slab RCC Roof Slab	RCC Roof Slab 2 RCC Roof Slab 2	RCC Roof Slab 2 3 RCC Roof Slab 2 3	RCC Roof Slab 2 3 2023 RCC Roof Slab 2 3 2023	RCC Roof Slab 2 3 2023 6x6x6 RCC Roof Slab 2 3 2023 6x6x6	RCC Roof Slab 2 3 2023 6x6x6 <	RCC Roof Slab 2 3 2023 6x6x6 8.6 RCC Roof Slab 2 3 2023 6x6x6 8.8	RCC Roof Slab 2 3 2023 6x6x6 8.6 36 RCC Roof Slab 2 3 2023 6x6x6 8.8 36	RCC Roof Slab 2 3 2023 6x6x6 8.6 36 92 RCC Roof Slab 2 3 2023 6x6x6 8.8 36 108 <	RCC Roof Slab 2 3 2023 6x6x6 8.6 36 92 5724 RCC Roof Slab 2 3 2023 6x6x6 8.8 36 108 6720 <t< td=""><td>RCC Roof Slab 2 3 2023 6x6x6 8.6 36 92 5724 RCC Roof Slab 2 3 2023 6x6x6 8.8 36 108 6720 </td></t<>	RCC Roof Slab 2 3 2023 6x6x6 8.6 36 92 5724 RCC Roof Slab 2 3 2023 6x6x6 8.8 36 108 6720

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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> 5213 Dr. Aqsa

To: Engr. Khalid Sattar, Resident Engineer DHQ Hospital Hafizabad Master Consulting Engineers Pvt. Ltd.

Project: Up Gradation of DHQ Hospital Hafizabad (Group No. 1) ADP NO:768 For The Year 2021-2022

 Our Ref. No. CL/CED/
 1895
 Dated:
 16-05-23
 Test Specification

 Your Ref. No.
 MCE/DHQ Hfzd/23/60
 Dated:
 02-05-23
 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 15/05/2023 Tested on: 16-05-23 in dry/wet condition



Sr. 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 (%)	
RCC Columns	8	4	2023	6x6x6		8.8	36	94	5849		Engraved
RCC Columns	8	4	2023	6x6x6		8.6	36	75	4667		Engraved
RCC Columns	8	4	2023	6x6x6		8.6	36	104	6471		Engraved
	RCC Columns RCC Columns	Mark* DD RCC Columns 8 RCC Columns 8	Mark* DD MM RCC Columns 8 4 RCC Columns 8 4	DD MM YYYY RCC Columns 8 4 2023 RCC Columns 8 4 2023	Mark* DD MM YYYY (in) RCC Columns 8 4 2023 6x6x6 RCC Columns 8 4 2023 6x6x6	Mark* Casting Date* Size Weight DD MM YYYY (in) (Kg/ gms) RCC Columns 8 4 2023 6x6x6 RCC Columns 8 4 2023 6x6x6	Mark* Casting Date* Size Weight Weight RCC Columns 8 4 2023 6x6x6 8.8 RCC Columns 8 4 2023 6x6x6 8.6 RCC Columns 8 4 2023 6x6x6 8.6	Mark* Casting Date* Size Weight (Kg/gms) Weight (Kg/gms) X-Section (Sq. in) RCC Columns 8 4 2023 6x6x6 8.8 36 RCC Columns 8 4 2023 6x6x6 8.6 36 RCC Columns 8 4 2023 6x6x6 8.6 36	Mark* Casting Date* Size Weight (Kg/gms) X-Section (Kg/ gms) Load (Imp.Tons) RCC Columns 8 4 2023 6x6x6 8.8 36 94 RCC Columns 8 4 2023 6x6x6 8.6 36 75 RCC Columns 8 4 2023 6x6x6 8.6 36 104 RCC Columns 8 4 2023 6x6x6 8.6 36 104 <td>Mark* Casting Date* DD MM YYYY Size (in) Weight (Kg/ gms) Weight (Kg/ gms) X-Section (Sq. in) load (Imp.Tons) Stress (psi) RCC Columns 8 4 2023 6x6x6 8.8 36 94 5849 RCC Columns 8 4 2023 6x6x6 8.6 36 75 4667 RCC Columns 8 4 2023 6x6x6 8.6 36 104 6471 </td> <td>Mark* Casting Date* Size Weight (Kg/gms) Weight (Kg/gms) X-Section (Sq. in) (Imp.Tons) Stress (psi) Absorpti on (%) on (%) RCC Columns 8 4 2023 6x6x6 8.8 36 94 5849 RCC Columns 8 4 2023 6x6x6 8.6 36 75 4667 RCC Columns 8 4 2023 6x6x6 8.6 36 104 6471 </td>	Mark* Casting Date* DD MM YYYY Size (in) Weight (Kg/ gms) Weight (Kg/ gms) X-Section (Sq. in) load (Imp.Tons) Stress (psi) RCC Columns 8 4 2023 6x6x6 8.8 36 94 5849 RCC Columns 8 4 2023 6x6x6 8.6 36 75 4667 RCC Columns 8 4 2023 6x6x6 8.6 36 104 6471	Mark* Casting Date* Size Weight (Kg/gms) Weight (Kg/gms) X-Section (Sq. in) (Imp.Tons) Stress (psi) Absorpti on (%) on (%) RCC Columns 8 4 2023 6x6x6 8.8 36 94 5849 RCC Columns 8 4 2023 6x6x6 8.6 36 75 4667 RCC Columns 8 4 2023 6x6x6 8.6 36 104 6471

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.

> 5213 Dr. Aqsa

To: Engr. Khalid Sattar, Resident Engineer DHQ Hospital Hafizabad Master Consulting Engineers Pvt. Ltd.

Project: Up Gradation of DHQ Hospital Hafizabad (Group No. 2) ADP NO:768 For The Year 2021-2022

Our Ref. No. CL/CED/ 1896 Dated: 16-05-23 <u>Test Specification</u>

Your Ref. No. MCE/DHQ Hfzd/23/62 Dated: 02-05-23 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 15/05/2023 Tested on: 16-05-23 in dry/wet condition



Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	RCC Wall	3	4	2023	6x6x6		8.8	36	83	5164		Engraved
2	RCC Wall	3	4	2023	6x6x6		8.4	36	82	5102		Engraved
3	RCC Wall	3	4	2023	6x6x6		8.6	36	81	5040		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/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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> 5213 Dr. Aqsa

To: Engr. Khalid Sattar, Resident Engineer DHQ Hospital Hafizabad Master Consulting Engineers Pvt. Ltd.

Project: Up Gradation of DHQ Hospital Hafizabad (Group No. 2) ADP NO:768 For The Year 2021-2022

 Our Ref. No. CL/CED/
 1897
 Dated:
 16-05-23
 Test Specification

 Your Ref. No.
 MCE/DHQ Hfzd/23/45
 Dated:
 21-03-23
 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 15/05/2023 Tested on: 16-05-23 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	RCC Wall (1:1.5:3)	22	2	2023	6x6x6		8.6	36	112	6969		Engraved
2	RCC Wall (1:1.5:3)	22	2	2023	6x6x6		9	36	118	7342		Engraved
3	RCC Wall (1:1.5:3)	22	2	2023	6x6x6		8.8	36	103	6409		Engraved
4												
5												
6												
7												
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9												
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11												
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14												
15												
16												
Witness	sed by:	<u> </u>	<u> </u>			1	1	1	<u> </u>	1	<u> </u>	

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

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> 5213 Dr. Aqsa

Test Specification

To: Engr. Khalid Sattar, Resident Engineer DHQ Hospital Hafizabad Master Consulting Engineers Pvt. Ltd.

Project: Up Gradation of DHQ Hospital Hafizabad (Group No. 1) ADP NO:768 For The Year 2021-2022

Our Ref. No. CL/CED/ 1898 Dated: 16-05-23

Your Ref. No. MCE/DHQ Hfzd/23/53 Dated: 01-04-23 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 15/05/2023 Tested on: 16-05-23 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	RCC Columns	28	2	2023	6x6x6		8.4	36	84	5227		Engraved
2	RCC Columns	28	2	2023	6x6x6		8.6	36	77	4791		Engraved
3	RCC Columns	28	2	2023	6x6x6		8.8	36	120	7467		Engraved
4												
5												
6												
7												
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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

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- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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> 5213 Dr. Aqsa

Test Specification

(BS 1881-116)

To: Mr. Asif Javed, Resident Engineer

New Vision Engineering Consultant

Project: Strengthening Infrastructure and Aademic Programs of Government College Women University

Sialkot Construction of Faculty Natural Sciences Block (First Floor) Group-01

Our Ref. No. CL/CED/ 1899 Dated:

Your Ref. No. NVEC/GCWUS/T-01 Dated: 26-04-23

COMPRESSION TEST REPORT

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

Specimens received on: 15/05/2023 Tested on: 16-05-23 in dry/wet condition



16-05-23

Sr. No.	Mark*	Cas		Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1		23	3	2023	6x6x6		8.6	36	83	5164		Engraved
2		23	3	2023	6x6x6		8.6	36	97	6036		Engraved
3		23	3	2023	6x6x6		8.6	36	86	5351		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/

- 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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- 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.

> 5208 Dr. Aqsa

Test Specification

To: Mr. Zia Mahiyuddin

Ijaz Construction Company.

Our Ref. No. CL/CED/ 1900

Project: Naubahar Bottling Company Pvt. Ltd. Shadoki Unit III

Your Ref. No. Dated: (BS 1881-116) 10-05-23

Dated:

16-05-23

COMPRESSION TEST REPORT

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

Specimens received on: 15/05/2023 Tested on: 16-05-23 in dry/wet condition



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
				YYYY	` '	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)		(/)	
1	Flooring (4500Psi)	8	4	2023	6x6x6		7.6	36	40	2489		Non Engraved
2	Flooring (4500Psi)	8	4	2023	6x6x6		8.2	36	117	7280		Non Engraved
3	Flooring (4500Psi)	8	4	2023	6x6x6		7.6	36	44	2738		Non 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/

- 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.

> 5208 Dr. Aqsa

To: Mr. Zia Mahiyuddin

Ijaz Construction Company.

Our Ref. No. CL/CED/ 1901

Project: Naubahar Bottling Company Pvt. Ltd. Shadoki Unit III

Your Ref. No. Nil Dated: 10-05-23 (BS 1881-116)

Dated:

16-05-23

COMPRESSION TEST REPORT

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

Specimens received on: 15/05/2023 Tested on: 16-05-23 in dry/wet condition



Test Specification

Sr. No.	Mark*	Cas		Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	Flooring (4500Psi)	11	4	2023	6x6x6		8.4	36	130	8089		Non Engraved
2	Flooring (4500Psi)	11	4	2023	6x6x6		7.4	36	37	2302		Non Engraved
3	Flooring (4500Psi)	11	4	2023	6x6x6		7.6	36	52	3236		Non 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/

- 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)
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To: Mr. Zia Mahiyuddin

Ijaz Construction Company.

Our Ref. No. CL/CED/ 1902

Project: Naubahar Bottling Company Pvt. Ltd. Shadoki Unit III

Your Ref. No. Dated: 10-05-23

(BS 1881-116)

Dated:

16-05-23

COMPRESSION TEST REPORT

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

Specimens received on: 15/05/2023 Tested on: 16-05-23 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	Flooring (4500Psi)	14	4	2023	6x6x6		8	36	111	6907		Non Engraved
2	Flooring (4500Psi)	14	4	2023	6x6x6		8	36	101	6284		Non Engraved
3	Flooring (4500Psi)	14	4	2023	6x6x6		7.8	36	92	5724		Non Engraved
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
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Test Specification

To: Mr. Zia Mahiyuddin

Ijaz Construction Company.

Our Ref. No. CL/CED/ 1903

Project: Naubahar Bottling Company Pvt. Ltd. Shadoki Unit III

1 Toject. Nadbanar Bottinig Company I Vt. Ltd. Onadoki Onit in

Your Ref. No. Nil Dated: 10-05-23 (BS 1881-116)

Dated:

16-05-23

COMPRESSION TEST REPORT

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

Specimens received on: 15/05/2023 Tested on: 16-05-23 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	Boiler Footing (4500 Psi)	10	4	2023	6x6x6		8 8	36	(IIIIp. 1 Olis) 55	3422		Non Engraved
2	Boiler Footing (4500 Psi)	10	4	2023	6x6x6		8.6	36	114	7093		Non Engraved
3	Boiler Footing (4500 Psi)	10	4	2023	6x6x6		8.4	36	131	8151		Non Engraved
4												
5										-		
6												
7												
8												
9												
10												
11												
12												
13												
14												
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