

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.

> 4038 Dr. Mazhar

To: Mr. Arif Siddique

Ideal Construction Service.

Project: FMH Tower Lahore.

Our Ref. No. CL/CED/ 37 Dated: 12-10-22 <u>Test Specification</u>

Your Ref. No. ICS/786/450 Dated: 11-10-22 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 11-10-22 Tested on: 12-10-22 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		2	10	2022	6Diax12		13.8	28.28	59	4673		Non Engraved
2		2	10	2022	6Diax12		13.4	28.28	51	4040		Non Engraved
3		2	10	2022	6Diax12		13.8	28.28	53	4198		Non Engraved
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Witnessed by:

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

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as 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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> 4034 Dr. Mazhar

To: Engr. Muhammad Awais Iqbal, Project Manager

Elite Engineering Pvt. Ltd.

Project: Shell Filling Station Askari XI, Lahore.

Our Ref. No. CL/CED/ 38

Your Ref. No. Nil Dated: 11-10-22

Dated:

12-10-22

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 11-10-22 Tested on: 12-10-22 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	Main Bldg.Footing RCC(3000Psi)	28	9	2022	6Diax12		13	28.28	37	2931		Non Engraved
2	Main Bldg.Footing RCC(3000Psi)	28	9	2022	6Diax12		13.4	28.28	39	3089		Non Engraved
3	Main Bldg.Footing RCC(3000Psi)	28	9	2022	6Diax12		13	28.28	39	3089		Non Engraved
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> 4028 Dr. Mazhar

To: Chief Executive Officer

AI FAAZ Engineering (Pvt.) Ltd.

Project: Renovation and Construction works at Compost Plant

 Our Ref. No. CL/CED/
 39
 Dated:
 12-10-22
 Test Specification

 Your Ref. No.
 Nil
 Dated:
 10-10-22
 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 10-10-22 Tested on: 12-10-22 in dry/wet condition





Sr. No.	Mark*		Casting 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		20	9	2022	6x6x6		8	36	37	2302		Non Engraved
2		20	9	2022	6x6x6		8	36	41	2551		Non Engraved
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> 4035 Dr. Mazhar

To: Engr. Muhammad Awais Iqbal, Project Manager

Elite Engineering Pvt. Limited

Our Ref. No. CL/CED/ 40

Project: Shell Filling Station Askari XI Lahore.

Project. Shell Filling Station Askan Al Lanore.

Your Ref. No. Nil Dated: 11-10-22

Dated:

12-10-22

COMPRESSION TEST REPORT

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

Specimens received on: 11-10-22 Tested on: 12-10-22 in dry/wet condition



Test Specification

(BS 1881-116)



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	Foundation Bed Front Side	13	9	2022	6x6x6		8.6	36	25	1556		Non Engraved
2	Foundation Bed Front Side	13	9	2022	6x6x6		8.2	36	25	1556		Non Engraved
3	Foundation Bed Front Side	13	9	2022	6x6x6		8.6	36	25	1556		Non Engraved
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> 4020 Dr. Mazhar

To: Sub Divisional Officer

Buildings Sub Division No. 16, Lahore

Project: Construction of Police Station Hanjarwal, District Lahore

 Our Ref. No. CL/CED/
 41
 Dated:
 12-10-22
 Test Specification

 Your Ref. No.
 202/16th
 Dated:
 28/05/2022
 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 07-10-22 Tested on: 12-10-22 in dry/wet condition





Sr. No.	Mark*		Casting Date* DD MM YYYY		Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Columns	22	5	2022	6x6x6		8.2	36	88	5476		Non Engraved
2	Columns	22	5	2022	6x6x6		8.4	36	98	6098		Non Engraved
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Witnessed by:

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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
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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> 4020 Dr. Mazhar

To: Sub Divisional Officer

Buildings Sub Division No. 16, Lahore

Project: Construction of Police Station Hanjarwal, District Lahore

 Our Ref. No. CL/CED/
 42
 Dated:
 12-10-22
 Test Specification

 Your Ref. No.
 191/16th
 Dated:
 24/05/2022
 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 07-10-22 Tested on: 12-10-22 in dry/wet condition





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	Raft/Strip	18	5	2022	6x6x6		8.2	36	65	4044		Non Engraved
2	Raft/Strip	18	5	2022	6x6x6		8	36	81	5040		Non Engraved
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> 4020 Dr. Mazhar

To: Sub Divisional Officer

Buildings Sub Division No. 16, Lahore

Project: Construction of Police Station Hanjarwal, District Lahore

 Our Ref. No. CL/CED/
 43
 Dated:
 12-10-22
 Test Specification

 Your Ref. No.
 208/16th
 Dated:
 30-05-22
 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 07-10-22 Tested on: 12-10-22 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	Slab Beams	24	5	2022	6x6x6		8.6	36	71	4418		Non Engraved
2	Slab Beams	24	5	2022	6x6x6		8.4	36	90	5600		Non Engraved
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Witnessed by:

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ORIGINAL

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> 4029 Dr. Mazhar

To: Mr. Rao Imran

Project Manager, Astral Constructors (Pvt.) Ltd.

Project: Construction of McDonald, Etihad Town Lahore

Our Ref. No. CL/CED/ 44 Dated: 12-10-22 <u>Test Specification</u>

Your Ref. No. AST/MCD//08.1 Dated: 08-10-22

COMPRESSION TEST REPORT

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

Specimens received on: 10-10-22 Tested on: 12-10-22 in dry/wet condition



(ASTM C39)



Mark*	Cas	Casting 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 (%)	
(4000 Psi)	19	9	2022	6Diax12		13.6	28.28	51	4040		Non Engraved
	19	9	2022	6Diax12		13.4	28.28	53	4198		Non Engraved
Wall Concrete (4000 Psi)	19	9	2022	6Diax12		14	28.28	55	4356		Non Engraved
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Witnessed by:

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

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> 4029 Dr. Mazhar

To: Mr. Rao Imran

Project Manager, Astral Constructors (Pvt.) Ltd.

Project: Construction of McDonald, Etihad Town Lahore.

Our Ref. No. CL/CED/ 45 Dated: 12-10-22 <u>Test Specification</u>

Your Ref. No. AST/MCD/04 Dated: 26-09-22 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 10-10-22 Tested on: 12-10-22 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	Plinth Beam (3000 Psi)	26	9	2022	6Diax12		13.2	28.28	51	4040		Non Engraved
2	Plinth Beam (3000 Psi)	26	9	2022	6Diax12		14	28.28	49	3881		Non Engraved
3	Plinth Beam (3000 Psi)	26	9	2022	6Diax12		13.8	28.28	39	3089		Non Engraved
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Witnessed by:

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> 4007 Dr. Mazhar

To: Mr. Haroon Rashid, Site Supervisor

Pakistan Rangers (Punjab)

Project: Construction of OPD Block at HQ Pakistan Rangers (Punjab).

Our Ref. No. CL/CED/ 46 Dated: 12-10-22 <u>Test Specification</u>

Your Ref. No. 2231/Works/1610 Dated: 21/9/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 05-10-22 Tested on: 12-10-22 in dry/wet condition





Sr. No.	Mark*	Cas		Date*	Size	Wet Weight		Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	RCC Column Footing	21	9	2022	(in) 6Diax12		(Kg/ gms) 13.8	28.28	(Imp.Tons) 29	(psi) 2297		Non Engraved
2	RCC Column Footing	21	9	2022	6Diax12		13	28.28	57	4515		Non Engraved
3	RCC Column Footing	21	9	2022	6Diax12		13.8	28.28	25	1980		Non Engraved
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Witnessed by:

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> 3996 Dr. Mazhar

To: Mr. Muhammad Irfan

Material Engineer, for Banu Mukhtar Contracting (Pvt) Ltd.

Project: Burj-1 by AJWA Builders

 Our Ref. No. CL/CED/
 47
 Dated:
 12-10-22
 Test Specification

 Your Ref. No.
 DOC-BMC/AJWA/012
 Dated:
 04-10-22
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04-10-22 Tested on: 12-10-22 in dry/wet condition





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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	Trial No. 1 (4000 Psi)	31	8	2022	6Diax12		12.8	28.28	43	3406		Non Engraved
2	Trial No. 1 (4000 Psi)	31	8	2022	6Diax12		13	28.28	43	3406		Non Engraved
3	Trial No. 1 (4000 Psi)	31	8	2022	6Diax12		13.2	28.28	45	3564		Non Engraved
4	Trial No. 2 (4000 Psi)	31	8	2022	6Diax12		13.2	28.28	55	4356		Non Engraved
5	Trial No. 2 (4000 Psi)	31	8	2022	6Diax12	GINE	13.2	28.28	55	4356		Non Engraved
6	Trial No. 2 (4000 Psi)	31	8	2022	6Diax12	READIN	13.2	28.28	54	4277		Non Engraved
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Witnessed by:

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

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

- 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.

> 3996 Dr. Mazhar

To: Mr. Muhammad Irfan

Material Engineer, for Banu Mukhtar Contracting (Pvt) Ltd.

Project: Burj-1 by AJWA Builders

 Our Ref. No. CL/CED/
 48
 Dated:
 12-10-22
 Test Specification

 Your Ref. No.
 DOC-BMC/AJWA/013
 Dated:
 04-10-22
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04-10-22 Tested on: 12-10-22 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	Trial No. 1 (6000 Psi)	1	9	2022	6Diax12		13.2	28.28	67	5307		Non Engraved
2	Trial No. 1 (6000 Psi)	1	9	2022	6Diax12		13.4	28.28	65	5149		Non Engraved
3	Trial No. 1 (6000 Psi)	1	9	2022	6Diax12		13.6	28.28	49	3881		Non Engraved
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Witnessed by:

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

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

- 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.

> 3996 Dr. Mazhar

To: Mr. Muhammad Irfan

Material Engineer, for Banu Mukhtar Contracting (Pvt) Ltd.

Project: Burj-1 by AJWA Builders

 Our Ref. No. CL/CED/
 49
 Dated:
 12-10-22
 Test Specification

 Your Ref. No.
 DOC-BMC/AJWA/011
 Dated:
 04-10-22
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04-10-22 Tested on: 12-10-22 in dry/wet condition





Sr. No.	Mark*	Cas	Casting 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	Main Building Raft (A-D/1-3') 4000 psi	3	9	2022	6Diax12		13.6	28.28	79	6257		Non Engraved
2	Main Building Raft (A-D/1-3') 4000 psi	3	9	2022	6Diax12		13.2	28.28	71	5624		Non Engraved
3	Main Building Raft (A-D/1-3') 4000 psi	3	9	2022	6Diax12		13.4	28.28	67	5307		Non Engraved
4	Main Building Raft (A-D/1-3') 4000 psi	3	9	2022	6Diax12		14	28.28	71	5624		Non Engraved
5	Main Building Raft (A-D/1-3') 4000 psi	3	9	2022	6Diax12	GINE	RI/14	28.28	67	5307		Non Engraved
6	Main Building Raft (A-D/1-3') 4000 psi	3	9	2022	6Diax12	READIN	13	28.28	63	4990		Non Engraved
7	Main Building Raft (A-D/1-3') 4000 psi	3	9	2022	6Diax12	DHE NAME OF THY LIDRO WHO	13.6	28.28	77	6099		Non Engraved
8	Main Building Raft (A-D/1-3') 4000 psi	3	9	2022	6Diax12		13.8	28.28	69	5465		Non Engraved
9	Main Building Raft (A-D/1-3') 4000 psi	3	9	2022	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 compressive 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.

> 3996 Dr. Mazhar

To: Mr. Muhammad Irfan

Material Engineer, for Banu Mukhtar Contracting (Pvt) Ltd

Project: Burj-1 by AJWA Builders

 Our Ref. No. CL/CED/
 50
 Dated:
 12-10-22
 Test Specification

 Your Ref. No.
 DOC-BMC/AJWA/015
 Dated:
 04-10-22
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04-10-22 Tested on: 12-10-22 in dry/wet condition





Sr. No.	Mark*	Cas	Casting 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 Raft (A-D/3-5') 4000 psi	26	9	2022	6Diax12		13.6	28.28	63	4990		Non Engraved
2	Main Building Raft (A-D/3-5') 4000 psi	26	9	2022	6Diax12		13.2	28.28	53	4198		Non Engraved
3	Main Building Raft (A-D/3-5') 4000 psi	26	9	2022	6Diax12		13.8	28.28	49	3881		Non Engraved
4	Main Building Raft (A-D/3-5') 4000 psi	26	9	2022	6Diax12		13.6	28.28	67	5307		Non Engraved
5	Main Building Raft (A-D/3-5') 4000 psi	26	9	2022	6Diax12	RIVE	13.6	28.28	51	4040		Non Engraved
6	Main Building Raft (A-D/3-5') 4000 psi	26	9	2022	6Diax12	READ W	13.4	28.28	65	5149		Non Engraved
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Witnessed by:

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

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

- 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.

> 3996 Dr. Mazhar

To: Mr. Muhammad Irfan

Material Engineer, for Banu Mukhtar Contracting (Pvt) Ltd

Project: Burj-1 by AJWA Builders

 Our Ref. No. CL/CED/ 51
 Dated:
 12-10-22
 Test Specification

 Your Ref. No.
 DOC-BMC/AJWA/014
 Dated:
 04-10-22
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04-10-22 Tested on: 12-10-22 in dry/wet condition





Sr. No.	Mark*	Cas	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	Main Bldg Retng. Wall (4000 psi)	25	9	2022	6Diax12		14.6	28.28	61	4832		Non Engraved
2	Main Bldg Retng. Wall (4000 psi)	25	9	2022	6Diax12		13.6	28.28	71	5624		Non Engraved
3	Main Bldg Retng. Wall (4000 psi)	25	9	2022	6Diax12		13.8	28.28	67	5307		Non Engraved
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Witnessed by:

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

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

- 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.

> 4032 Dr. Mazhar

To: Engr. Haseeb Afzal

Project Manager, HMB Developers Pvt. Ltd.

Project: Commercial Tower, Finance Trade Centre Lahore.

Our Ref. No. CL/CED/ 52 Dated: 12-10-22 **Test Specification** (ASTM C39)

Your Ref. No. HMBDPL/S.O/10/22/10th(LHR) Dated: 10-10-22

COMPRESSION TEST REPORT

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

Specimens received on: 10-10-22 Tested on: 12-10-22 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		11	9	2022	6Diax12		14	28.28	65	5149		Non Engraved
2		11	9	2022	6Diax12		13.2	28.28	57	4515		Non Engraved
3		11	9	2022	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 compressive 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.

> 4025 Dr. Mazhar

To: Eng. Muhammad Iqbal

Proprietor, For AR-Rafay Builders Sialkot

Project: Construction of Lawyers Chambers at Agriculture Office Sialkot

Our Ref. No. CL/CED/ 53 Dated: 12-10-22 <u>Test Specification</u>

Your Ref. No. Ar-Rafay Builders Lawyer /2022/03 Dated: 08-10-22

COMPRESSION TEST REPORT

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

Specimens received on: 10-10-22 Tested on: 12-10-22 in dry/wet condition



(ASTM C39)



Sr. No.	Mark*	Casting 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	RCC Columns	30	8	2022	6Diax12		13.2	28.28	21	1663		Non Engraved
2	RCC Columns	30	8	2022	6Diax12		12.4	28.28	27	2139		Non Engraved
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Witnessed by:

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

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

- 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.

> 4025 Dr. Mazhar

To: Eng. Muhammad Iqbal

Proprietor, For AR-Rafay Builders Sialkot

Project: Construction of Lawyers Chambers at Agriculture Office Sialkot

 Our Ref. No. CL/CED/
 54
 Dated:
 12-10-22
 Test Specification

 Your Ref. No.
 Ar-Rafay Builders Lawyer /2022/02
 Dated:
 08-10-22
 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 10-10-22 Tested on: 12-10-22 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	RCC Slab	11	9	2022	6x6x6		8	36	77	4791		Non Engraved
2	RCC Slab	11	9	2022	6x6x6		8	36	90	5600		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.

> 4033 Dr. Mazhar

To: Mr. Muhammad Azhar

Resident Engineer, Barrage, IBC

Project: Rehabilitation and Modernization of Islam Barrage

 Our Ref. No. CL/CED/
 55
 Dated:
 12-10-22
 Test Specification

 Your Ref. No.
 IBC/RE/UET/47
 Dated:
 10-10-22
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 11-10-22 Tested on: 12-10-22 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 Panel B- 10 Sub Weir	12	9	2022	6Diax12		13.4	28.28	67	5307		Non Engraved
2	RCC Panel B- 10 Sub Weir	12	9	2022	6Diax12		13.2	28.28	57	4515		Non Engraved
3	RCC Panel B- 10 Sub Weir	12	9	2022	6Diax12		13.2	28.28	53	4198		Non Engraved
4	Divide Wall Stairs Lift-1	13	9	2022	6Diax12		13.8	28.28	57	4515		Non Engraved
5	Divide Wall Stairs Lift-1	13	9	2022	6Diax12	CIME	13.6	28.28	55	4356		Non Engraved
6	Divide Wall Stairs Lift-1	13	9	2022	6Diax12	READIN	13.2	28.28	53	4198		Non Engraved
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Witnessed by: Mr. Shabbir Sandhu, Material Specialist IBC

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

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

- 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.

> 4040 Dr. Safeer

To: Mr. Umair Badar

Site Incharge, Tetra Ready Mix (Pvt.) Ltd.

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

Our Ref. No. CL/CED/ 56 Dated: 12-10-22 <u>Test Specification</u>

Your Ref. No. TRM/Shahzad/004 Dated: 10-10-22 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 11-10-22 Tested on: 12-10-22 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	4500 Psi	30	9	2022	6Diax12		13.6	28.28	57	4515		Non Engraved
2	4500 Psi	30	9	2022	6Diax12		13.2	28.28	61	4832		Non Engraved
3	4500 Psi	2	10	2022	6Diax12		14	28.28	51	4040		Non Engraved
4	4500 Psi	2	10	2022	6Diax12		13.8	28.28	57	4515		Non Engraved
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Witnessed by: Mr. Shahzad Asghar, CNIC # 35202-4084120-9

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.