

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.

> 4923 Dr. M. Yousaf

To: Mr. Abubakar Jamil

Site Engineer, ENAARA, 92-B/2, Gulberg III, Lahore.

Project: Nil

Your Ref. No.

Our Ref. No. CL/CED/ 1420

Nil

Dated: 10-03-23

Test Specification

Dated: Nil

COMPRESSION TEST REPORT

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

Specimens received on: 9/3/2023 Tested on: 10-03-23 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	Solid Block (AB)	 		12 x 7.9 x 8		27	94.8	28	662		
2	Solid Block (AB)	 		11.9 x 8 x 8		24.8	95.2	17	400		
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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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> 4910 Dr. M. Yousaf

To: Mr. Muazzam Akram

Assistant Site Engineer, ZSK Associates

Nil

Project: Nil

Your Ref. No.

Our Ref. No. CL/CED/ 1421

Dated:

10-03-23

Test Specification
(ASTM C39)

Dated: 06-03-23

COMPRESSION TEST REPORT

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

Specimens received on: 7/03/2023 Tested on: 10-03-23 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti	Remarks
31. NO.	Walk						_				on (%)	Kemarks
		טט	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	(70)	
1		12	1	2023	6Diax12		13.8	28.28	98	7762		Non Engraved
2		12	1	2023	6Diax12		13.6	28.28	90	7129		Non Engraved
3		12	1	2023	6Diax12		13.6	28.28	90	7129		Non Engraved
4		12	1	2023	6Diax12		14	28.28	71	5624		Non Engraved
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> 4902 Dr. M. Yousaf

To: Mr. Muhammad Irfan

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

Project: Burj-1 by AJWA Builders (Trial Mix Design)

Our Ref. No. CL/CED/ 1422 Dated: 10-03-23 <u>Test Specification</u>

Your Ref. No. DOC-BMC/AJWA/045 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: 10-03-23 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 (%)	
6000 Psi	4	2	2023	6Diax12		14	28.28	92	7287		Non Engraved
6000 Psi	4	2	2023	6Diax12		14	28.28	94	7446		Non Engraved
6000 Psi	4	2	2023	6Diax12		14.2	28.28	84	6653		Non Engraved
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	6000 Psi 6000 Psi	Mark* DD 6000 Psi	Mark* DD MM 6000 Psi	DD MM YYYY 6000 Psi	Mark* DD MM YYYY (in) 6000 Psi	Mark* Casting Date* Size Weight	Mark* Casting Date* Size Weight Weight	Mark*	Mark*	Mark*	Mark*

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> 4902 Dr. M. Yousaf

To: Mr. Muhammad Irfan

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

Project: Burj-1 by AJWA Builders (B-1 Lift Well #05, Grid # H'-H/4'-5' Lift-03)

Our Ref. No. CL/CED/ 1423 Dated: 10-03-23 <u>Test Specification</u>

Your Ref. No. DOC-BMC/AJWA/047 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: 10-03-23 in dry/wet condition



Sr. No.	Mark*	Cas		Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	6000 Psi	6	2	2023	6Diax12		13.4	28.28	100	7921		Non Engraved
2	6000 Psi	6	2	2023	6Diax12		13.4	28.28	65	5149		Non Engraved
3	6000 Psi	6	2	2023	6Diax12		13.2	28.28	104	8238		Non Engraved
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> 4902 Dr. M. Yousaf

To: Mr. Muhammad Irfan

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

Project: Burj-1 by AJWA Builders (Trial Mix Design)

Our Ref. No. CL/CED/ 1424 Dated: 10-03-23 <u>Test Specification</u>

Your Ref. No. DOC-BMC/AJWA/046 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: 10-03-23 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	5000 Psi	4	2	2023	6Diax12		14	28.28	90	7129		Non Engraved
2	5000 Psi	4	2	2023	6Diax12		14	28.28	82	6495		Non Engraved
3	5000 Psi	4	2	2023	6Diax12		13.6	28.28	71	5624		Non Engraved
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Witnessed by:

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> 4921 Dr. M. Yousaf

To: Engr. M. Waqas

Project Engineer, DESIGN MATRIX

Project: Nil

 Our Ref. No. CL/CED/
 1425
 Dated:
 10-03-23
 Test Specification

 Your Ref. No.
 DM/3000/ES
 Dated:
 09-03-23
 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 9/03/2023 Tested on: 10-03-23 in dry/wet condition



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)		(Imp.Tons)		on (%)	
1		10	2	2023	6x6x6		8.2	36	80	4978		Non Engraved
2		10	2	2023	6x6x6		8.2	36	76	4729		Non Engraved
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Witnessed by:

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> 4823 Dr. M. Yousaf

> > (----)

To: Divisional Forest Officer

Mianwali Forest Division, Mianwali

Project: Development Project "Establishment of Kundian Forest Park"

Our Ref. No. CL/CED/ 1426 Dated: 10-03-23 <u>Test Specification</u>

Your Ref. No. DFO/MWI/AC/3725 Dated: 17/1/2023

COMPRESSION TEST REPORT

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

Specimens received on: 21/2/2023 Tested on: 10-03-23 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	K2 Stone	 		4.0 thick		6345	41.92	97	5183		
2	K2 Stone	 		4.0 thick		6430	41.92	118	6305		
3	K2 Stone	 		4.0 thick		6160	41.92	94	5023		
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5		 		/	GINE	RINE					
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Witnessed by:

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- 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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> 4823 Dr. M. Yousaf

> > (----)

To: Divisional Forest Officer

Mianwali Forest Division, Mianwali

Project: Development Project "Establishment of Kundian Forest Park"

Our Ref. No. CL/CED/ 1427 Dated: 10-03-23 <u>Test Specification</u>

Your Ref. No. DFO/MWI/AC/3726 Dated: 17/01/2023

COMPRESSION TEST REPORT

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

Specimens received on: 21/2/2023 Tested on: 10-03-23 in dry/wet condition



Sr. No.	Mark*		Date*		Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Edging Stone			11.6 x 5.8 x 2.3		5870	67.28	(IIIIp. 1011s) 158	5260		
•		 				3070		150	5200		
2	Edging Stone	 		11.6 x 5.8 x 2.3		5760	67.28	129	4295		
3	Edging Stone	 		11.7 x 5.8 x 2.3		5920	67.86	118	3895		
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4924 Dr. M. Yousaf

Test Specification

To: ENAARA

92-B/2 Gulberg III, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 1428 Dated: 10-03-23

Your Ref. No. Nil Dated: Nil (----)

COMPRESSION TEST REPORT

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

Specimens received on: 03-09-23 Tested on: 03-10-23 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Solid Block RB				12 x 7.8 x 8		29	93.6	87	2082		
2	Solid Block RB				11.9 x 7.9 x 7.8		27.5	94.01	84	2001		
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Witnessed by:

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> 4909 Dr. M. Yousaf

> > (----)

To: Mr. Shakeel Salamat

3A Tiles, Model Town, Lahore.

Project: United Life Style Sky Scrapers.

Our Ref. No. CL/CED/ 1429 Dated: 10-03-23 <u>Test Specification</u>

Your Ref. No. Nil Dated: 07-03-23

COMPRESSION TEST REPORT

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

Specimens received on: 07-03-23 Tested on: 10-03-23 in dry/wet condition



Sr. No.	Mark*		Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Hollow Block	 		15.4 x 3.9 x 8		15.4	47.69	26	1221		
2	Hollow Block	 		15.3 x 4 x 8		15	46.79	20	957		
3	Hollow Block	 		15.9 x 6.3 x 7.9		19.4	66.33	38	1283		
4	Hollow Block	 		15.8 x 5.9 x 7.5		17.4	59.02	32	1215		
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