

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.

> 7246 Dr. M. Yousaf

To: Engineer's Representative

Metroplan-Asian JV Site Office JIC-JHL, Lahore. Asian Consulting Engineers Pvt. Ltd.

Project: Establishment of Jinnah Institute of Cardialogy at Jinnah Hospital Lahore. (Contractor: M/s CCECC-

SALMAN JV). (OPC Fauji Cement Fast SP 910)

Our Ref. No. CL/CED/ 5008-1 of 2 Dated: 03/06/2024 Test Specification

Your Ref. No. Metroplan-Asian JV JIC-JHL-RE-204-2024 Dated: 31/05/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 31/05/2024 Tested on: 03/06/2024 in dry/wet condition



Sr. No.	Mark*	Cas		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)	OII (%)	
1	Plant Trial (3000 Psi)	3	5	2024	6Diax12		13.8	28.28	57	4515		Non Engraved
2	Plant Trial (3000 Psi)	3	5	2024	6Diax12		13.4	28.28	56	4436		Non Engraved
3	Plant Trial (3000 Psi)	3	5	2024	6Diax12		13.6	28.28	57	4515		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 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.



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Metroplan-Asian JV Site Office JIC-JHL, Lahore. Asian Consulting Engineers Pvt. Ltd.

Project: Establishment of Jinnah Institute of Cardialogy at Jinnah Hospital Lahore. (Contractor: M/s CCECC-

SALMAN JV)

Our Ref. No. CL/CED/ 5008-2 of 2 Dated: 03/06/2024 Test Specification

Your Ref. No. Metroplan-Asian JV JIC-JHL-RE-204-2024 Dated: 31/05/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 31/05/2024 Tested on: 03/06/2024 in dry/wet condition



Sr. No. Mark*		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 (%)	
Hollow Block				16.5x8.0x8.4		31.2	79.28	112	3164		
Hollow Block				16.5x8.0x8.5		33	79.28	146	4125		
Hollow Block				16.5x8.0x8.4		33	79.28	117	3306		
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					-LA	ORE					
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	Hollow Block Hollow Block	Mark* DD Hollow Block Hollow Block	Mark* DD MM Hollow Block Hollow Block	DD MM YYYY	Mark* DD MM YYYY (in) Hollow Block 16.5x8.0x8.4 Hollow Block 16.5x8.0x8.5 Hollow Block 16.5x8.0x8.4	Mark* DD MM YYYY	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms	Mark*	Mark*	Mark*	Mark* Casting Date* Size Weight Weight (Kg/gms) Weight (Kg/gms) X-Section (Inp. Tons) Value of the part (psi) Weight (Ng/gms) X-Section (Imp. Tons) Value of the part (psi) Value of the part (psi)

Witnessed by: Nil

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

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> 7247 Dr. Umbreen

To: Mr. M. Ashraf Javed

Project Incharge, Ijaz Apparel (Pvt) Ltd. 31 Km Ferozpur Road, Lahore.

Project: Ijaz Apparel (Pvt) Ltd. 31 Km Ferozpur Road, Lahore.

Our Ref. No. CL/CED/ 5009 Dated: 03/06/2024 <u>Test Specification</u>

Your Ref. No. SM-SECOND FLOOR COLUMN'S Dated: 30/05/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03/06/2024 Tested on: 03/06/2024 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)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(5000 Psi)	21	5	2024	6Diax12		14	28.28	94	7446		Non Engraved
2	(5000 Psi)	21	5	2024	6Diax12		14	28.28	78	6178		Non Engraved
3	(5000 Psi)	21	5	2024	6Diax12		13.8	28.28	99	7842		Non Engraved
4												
5						GINE	RINE					
6						READ IN	200					
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10						LA	IOR					
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12												
13												
14			-									
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Witnessed by: Nil

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- 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

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> 7247 Dr. Umbreen

To: Mr. M. Ashraf Javed

Project Incharge, Ijaz Apparel (Pvt) Ltd. 31 Km Ferozpur Road, Lahore.

Project: Ijaz Apparel (Pvt) Ltd. 31 Km Ferozpur Road, Lahore.

Our Ref. No. CL/CED/ 5010 Dated: 03/06/2024 <u>Test Specification</u>

Your Ref. No. SM-FIRST FLOOR LANTOR+BEAMS Dated: 30/05/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03/06/2024 Tested on: 03/06/2024 in dry/wet condition



Sr. No.	Mark*	Cas		Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(3000 Psi)	20	5	2024	6Diax12		13.2	28.28	68	5386		Non Engraved
2	(3000 Psi)	20	5	2024	6Diax12		13.6	28.28	64	5069		Non Engraved
3	(3000 Psi)	20	5	2024	6Diax12		13.6	28.28	54	4277		Non Engraved
4												
5		-				CINE	RINE					
6		-	-			READ IN	200					
7		-	-			THE NAME OF THY LORD WHO		186				
8		-	-		 	J. S.		H/O				
9		-				1		·				
10		-				-LA	ORE					
11												
12												
13												
14												
15												
16												

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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> 7244 Dr. M. Yousaf

To: Mr. Muhammad Atif Khalil

Project Manager, Banu Mukhtar Contracting (Pvt.) Ltd.

Project: Construction of Burj-1 by Ajwa Builders. (Main Building 2nd Floor Zone-02). (Slab Pour-01, Grids #

B~H/6'~9)

Our Ref. No. CL/CED/ 5011 Dated: 03/06/2024 Test Spi

Dated:

Your Ref. No. DOC-BMC/AJWA/158

24 <u>Test Specification</u>

31/05/2024

COMPRESSION TEST REPORT

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

Specimens received on: 31/05/2024 Tested on: 03/06/2024 in dry/wet condition



(ASTM C39)



Sr. No. Mark*		Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	(4000 Psi)	30	4	2024	6Diax12		14.2	28.28	65	5149		Non Engraved
2	(4000 Psi)	30	4	2024	6Diax12		13.2	28.28	65	5149		Non Engraved
3	(4000 Psi)	30	4	2024	6Diax12		14	28.28	70	5545		Non Engraved
4	(4000 Psi)	30	4	2024	6Diax12		14	28.28	67	5307		Non Engraved
5	(4000 Psi)	30	4	2024	6Diax12	GINE	RI 14	28.28	61	4832		Non Engraved
6	(4000 Psi)	30	4	2024	6Diax12	KEAD IN	13.8	28.28	71	5624		Non Engraved
7						THE NAME OF THY LORD WHO	1 <u>1 </u>	3-				
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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 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.



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> 7244 Dr. M. Yousaf

To: Mr. Muhammad Atif Khalil

Project Manager, Banu Mukhtar Contracting (Pvt.) Ltd.

Project: Construction of Burj-1 by Ajwa Builders. (Main Building 2nd Floor Zone-01 & 02). (Slab Pour-02,

Grids # B ~ D'/2~6)

Your Ref. No.

Our Ref. No. CL/CED/ 5012

Dated: 03/06/2024 **Test Specification** (ASTM C39)

31/05/2024 Dated:

COMPRESSION TEST REPORT

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

DOC-BMC/AJWA/156

31/05/2024 Tested on: Specimens received on:

03/06/2024 in dry/wet condition





Sr. No.	Mark*	Cas		Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
1	(4000 Psi)	18	5	2024	(in) 6Diax12		(Kg/ gms)	(Sq. in) 28.28	(Imp.Tons) 48	(psi) 3802		Non Engraved
									_			
2	(4000 Psi)	18	5	2024	6Diax12		14	28.28	58	4594		Non Engraved
3	(4000 Psi)	18	5	2024	6Diax12		14	28.28	47	3723		Non Engraved
4	(4000 Psi)	18	5	2024	6Diax12		14	28.28	49	3881		Non Engraved
5	(4000 Psi)	18	5	2024	6Diax12	GINE	14.4	28.28	57	4515		Non Engraved
6						READIN	2000	X				
7						THE NAME OF THY LORD WHO	<u></u>	3				
8						J. C.		5				
9						7		5/				
10						-UA	IOR					
11												
12												
13												
14												
15												
16												

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

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> 7244 Dr. M. Yousaf

To: Mr. Muhammad Atif Khalil

Project Manager, Banu Mukhtar Contracting (Pvt.) Ltd.

Project: Construction of Burj-1 by Ajwa Builders. (Main Building 3rd Floor Zone-02). (Column # 03Nos. Grids

B'/9, B'/7', H'/7)

Our Ref. No. CL/CED/ 5013 Dated: 03/06/2024 <u>Test Specification</u>

Your Ref. No. DOC-BMC/AJWA/157 Dated:

(ASTM C39)

31/05/2024

COMPRESSION TEST REPORT

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

Specimens received on: 31/05/2024 Tested on: 03/06/2024 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	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	(6000 Psi)	20	5	2024	6Diax12		13.4	28.28	74	5861		Non Engraved
2	(6000 Psi)	20	5	2024	6Diax12		13.4	28.28	52	4119		Non Engraved
3	(6000 Psi)	20	5	2024	6Diax12		14	28.28	68	5386		Non Engraved
4												
5						RINE	RINE					
6)	READ IN	2000	X				
7						THE NAME OF THY LORD WHO	(<u></u> ()					
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13												
14												
15												
16												

Witnessed by: Nil

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- 1. * as engraved on the specimens (if any)
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> 7244 Dr. M. Yousaf

To: Mr. Muhammad Atif Khalil

Your Ref. No.

Project Manager, Banu Mukhtar Contracting (Pvt.) Ltd.

Project: Construction of Burj-1 by Ajwa Builders. (Main Building 3rd Floor Zone-01 & 02). (Column # 8Nos.

Grids B'/3,C,D/4,5,6,C/3)

Our Ref. No. CL/CED/ 5014

Dated: 03/06/2024

Test Specification
(ASTM C39)

Dated: 31/05/2024

COMPRESSION TEST REPORT

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

DOC-BMC/AJWA/159

Specimens received on: 31/05/2024 Tested on: 03/06/2024 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 load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(6000 Psi)	24	5	2024	6Diax12		13.2	28.28	63	4990		Non Engraved
2	(6000 Psi)	24	5	2024	6Diax12		13.4	28.28	76	6020		Non Engraved
3	(6000 Psi)	24	5	2024	6Diax12		14	28.28	73	5782		Non Engraved
4												
5						RINE	RINE					
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11												
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16												

Witnessed by: Nil

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> 7239 Dr. Umbreen

To: Mr. M. Shahbaz Ahmed

Project Manager, Enaara Developers (Pvt) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 5015 Dated: 03/06/2024

Your Ref. No. Nil Dated: 30/05/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 31/05/2024 Tested on: 03/06/2024 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	(4000 Psi)	22	5	2024	6Diax12		13.8	28.28	62	4911		Non Engraved
2	(4000 Psi)	22	5	2024	6Diax12		13.8	28.28	60	4752		Non Engraved
3	(4000 Psi)	22	5	2024	6Diax12		14	28.28	66	5228		Non Engraved
4												
5						GINE	RINE					
6						READ IN	200	X				
7						THE NAME OF THY LORD WHO	ا داغی					
8					80			N/O				
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