

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.

7585 Dr. M. Yousaf

To: Engineer Kashif Sb

Project Manager, PAKMIX Ready Mix Concrete.

Project: Construction of Creek Tower Lahore.

Our Ref. No. CL/CED/ 5519 Dated: 12-08-24 <u>Test Specification</u>

Your Ref. No. Nil Dated: 08-08-24 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 09-08-24 Tested on: 12-08-24 in dry/wet condition





Sr. No.	Mark*	Casting 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	(3000 Psi)	30	7	2024	6Diax12		13.2	28.28	41	3248		Non Engraved
2	(5000 Psi)	30	7	2024	6Diax12		14	28.28	51	4040		Non Engraved
3												
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10						LA	IORE.					
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14												
15												
16												

Witnessed by: CNIC # 32301-1775770-3

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

- 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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7587 Dr. M. Yousaf

To: Engr's. Qaiser Aziz

Site Engineer, OZ Developers (Pvt) Ltd.

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

Our Ref. No. CL/CED/ 5520 Dated: 12-08-24 <u>Test Specification</u>

Your Ref. No. Nil Dated: 12-08-24

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 12-08-24 Tested on: 12-08-24 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		14	7	2024	6Diax12		15	28.28	44	3485		Non Engraved
2		14	7	2024	6Diax12		14.4	28.28	55	4356		Non Engraved
3		14	7	2024	6Diax12		14	28.28	57	4515		Non Engraved
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11												
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15							-					
16							-					

Witnessed by: Engr. Qaiser Aziz, CNIC # 36302-9254362-7

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

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7558 Dr. M. Yousaf

To: Mr. M. Ashraf Javed

Project Incharge, Ijaz Cotton Pvt. Ltd.

Project: Ijaz Cotton Pvt. Ltd. Nabi Baksh 34 KM Ferozepur Road, Lahore.

Our Ref. No. CL/CED/ 5521 Dated: 12-08-24 **Test Specification** 

Your Ref. No. TM-SECOND FLOOR LANTOR+BEAMS Dated: 02-08-24

#### COMPRESSION TEST REPORT

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

Specimens received on: 06-08-24 Tested on: 12-08-24 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	(3000 Psi)	22	7	2024	6Diax12		14	28.28	52	4119		Non Engraved
2	(3000 Psi)	22	7	2024	6Diax12		13.2	28.28	53	4198		Non Engraved
3	(3000 Psi)	22	7	2024	6Diax12		13.4	28.28	58	4594		Non Engraved
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11										-		
12										-		
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Witness	sed 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
- 4. \*\*\*\* ACl318-08 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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7558 Dr. M. Yousaf

To: Mr. M. Ashraf Javed

Project Incharge, Ijaz Cotton Pvt. Ltd.

Project: Ijaz Cotton Pvt. Ltd. Nabi Baksh 34 KM Ferozepur Road, Lahore.

Our Ref. No. CL/CED/ 5522 Dated: 12-08-24 **Test Specification** 

Your Ref. No. TM-SECOND FLOOR LANTOR+BEAMS Dated: 02-08-24 ( ASTM C39 )

#### COMPRESSION TEST REPORT

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

Specimens received on: 06-08-24 Tested on: 12-08-24 in dry/wet condition





Sr. No.	Mark*	Casting 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	(3000 Psi)	23	7	2024	6Diax12		13.4	28.28	51	4040		Non Engraved
2	(3000 Psi)	23	7	2024	6Diax12		14	28.28	60	4752		Non Engraved
3	(3000 Psi)	23	7	2024	6Diax12		13	28.28	53	4198		Non Engraved
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8								3				
9						10						
10						LA	IORE.					
11												
12												
13												
14												
15												
16												
Witness	sed 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. \*\*\*\* ACl318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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7538 Dr. M. Yousaf

To: Mr. Waheed SB

**Project Manager, PAKMIX Ready Mix Concrete** 

Project: Waheed Sb Jail Road.

Our Ref. No. CL/CED/ 5523 Dated: 12-08-24 <u>Test Specification</u>

Your Ref. No. Nil Dated: 02-08-24 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 02-08-24 Tested on: 12-08-24 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	(3200 Psi)	24	6	2024	6Diax12		14	28.28	51	4040		Non Engraved
2	(3200 Psi)	24	6	2024	6Diax12		14	28.28	61	4832		Non Engraved
3	(3200 Psi)	24	6	2024	6Diax12		13.4	28.28	53	4198	1	Non Engraved
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6						READ IN	207					
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15												
16												

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
- 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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7550 Dr. M. Yousaf

To: Project Manager

**PAKMIX Ready Mix Concrete** 

Project: Construction of Waleed Ahmad (45-46-47 A Side) Broadway Commercial AL-Kabir Town Phase II,

(Dayim Signature Apartments)

Our Ref. No. CL/CED/ 5524 Dated: 12-08-24

Your Ref. No. Nil Dated: 05-08-24 (ASTM C39)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 05-08-24 Tested on: 12-08-24 in dry/wet condition



**Test Specification** 



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	(3000 Psi)	21	5	2024	6Diax12		13.4	28.28	50	3960		Non Engraved
2	(3000 Psi)	21	5	2024	6Diax12		13.4	28.28	49	3881		Non Engraved
3	(3000 Psi)	21	5	2024	6Diax12		14	28.28	50	3960		Non Engraved
4						/						
5					(	THE	RING					
6					)	KEAU N	200	<b>X</b>				
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Witness	sed by: Nil				•							

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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7572 Dr. M. Yousaf

To: Mr. Muhammad Saad Ali

**NINE ARCHES** 

Project: Nil

Our Ref. No. CL/CED/ 5525

Your Ref. No.

Dated: 12-08-24

Dated: Nil **Test Specification** ( ASTM C39 )

#### **COMPRESSION TEST REPORT**

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

in dry/wet condition Specimens received on: 08-08-24 Tested on: 12-08-24





Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
	DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
Raft (4000 Psi)	13	6	2024	6Diax12		14	28.28	81	6416		Non Engraved
Raft (4000 Psi)	13	6	2024	6Diax12		14.4	28.28	79	6257		Non Engraved
Raft (4000 Psi)	13	6	2024	6Diax12		14	28.28	64	5069		Non Engraved
Raft (40000 Psi)	13	6	2024	6Diax12	/	14	28.28	69	5465		Non Engraved
Columns (5000 Psi)	10	7	2024	6Diax12	THE	R/14	28.28	82	6495		Non Engraved
Columns (5000 Psi)	10	7	2024	6Diax12	KEAU N	14.2	28.28	70	5545		Non Engraved
Columns (5000 Psi)	10	7	2024	6Diax12	OF THY	14 ملق ا	28.28	81	6416		Non Engraved
Columns (5000 Psi)	10	7	2024	6Diax12		13.4	28.28	83	6574		Non Engraved
Slab (3350 Psi)	26	4	2024	6Diax12	-	14	28.28	58	4594		Non Engraved
Slab (3350 Psi)	26	4	2024	6Diax12	LA	14	28.28	63	4990		Non Engraved
Slab (3350 Psi)	26	4	2024	6Diax12		14.4	28.28	65	5149		Non Engraved
Slab (3350 Psi)	26	4	2024	6Diax12		14	28.28	71	5624		Non Engraved
	Raft (4000 Psi) Raft (4000 Psi) Raft (4000 Psi) Raft (40000 Psi) Columns (5000 Psi) Columns (5000 Psi) Columns (5000 Psi) Slab (3350 Psi)	Mark* DD  Raft (4000 Psi) 13  Raft (4000 Psi) 13  Raft (4000 Psi) 13  Raft (40000 Psi) 13  Columns (5000 Psi) 10  Columns (5000 Psi) 10  Columns (5000 Psi) 26  Slab (3350 Psi) 26	Mark*  DD MM  Raft (4000 Psi) 13 6  Raft (4000 Psi) 13 6  Raft (4000 Psi) 13 6  Raft (40000 Psi) 13 6  Raft (40000 Psi) 10 7  Columns (5000 Psi) 10 7  Columns (5000 Psi) 10 7  Columns (5000 Psi) 26 4  Slab (3350 Psi) 26 4	DD MM YYYY	Mark*  DD MM YYYY (in)  Raft (4000 Psi) 13 6 2024 6Diax12  Raft (4000 Psi) 13 6 2024 6Diax12  Raft (4000 Psi) 13 6 2024 6Diax12  Raft (40000 Psi) 13 6 2024 6Diax12  Columns (5000 Psi) 10 7 2024 6Diax12  Slab (3350 Psi) 26 4 2024 6Diax12	Mark*    DD   MM   YYYY   (in)   (Kg/gms)	Mark*         Casting Date*         Size         Weight         Weight           DD MM YYYY         (in)         (Kg/ gms)         (Kg/ gms)           Raft (4000 Psi)         13         6         2024         6Diax12          14           Raft (4000 Psi)         13         6         2024         6Diax12          14           Raft (40000 Psi)         13         6         2024         6Diax12          14           Columns (5000 Psi)         10         7         2024         6Diax12          14.2           Columns (5000 Psi)         10         7         2024         6Diax12          14.2           Columns (5000 Psi)         10         7         2024         6Diax12          14.2           Columns (5000 Psi)         10         7         2024         6Diax12          13.4           Slab (3350 Psi)         26         4         2024         6Diax12          14           Slab (3350 Psi)         26         4         2024         6Diax12          14.4           Slab (3350 Psi)         26         4         2024         6Diax12        <	Mark*         Casting Date*         Size         Weight Weight Weight (Kg/gms)         X-Section (Sq. in)           Raft (4000 Psi)         13         6         2024         6Diax12          14         28.28           Raft (4000 Psi)         13         6         2024         6Diax12          14.4         28.28           Raft (4000 Psi)         13         6         2024         6Diax12          14         28.28           Raft (40000 Psi)         13         6         2024         6Diax12          14         28.28           Columns (5000 Psi)         10         7         2024         6Diax12          14.2         28.28           Columns (5000 Psi)         10         7         2024         6Diax12          14.2         28.28           Columns (5000 Psi)         10         7         2024         6Diax12          14         28.28           Slab (3350 Psi)         26         4         2024         6Diax12          14         28.28           Slab (3350 Psi)         26         4         2024         6Diax12          14.4         28.28           Slab (335	Mark*         Casting Date*         Size         Weight (Kg/ gms)         Weight (Kg/ gms)         X-Section (Inp.Tons)           Raft (4000 Psi)         13         6         2024         6Diax12          14         28.28         81           Raft (4000 Psi)         13         6         2024         6Diax12          14.4         28.28         79           Raft (4000 Psi)         13         6         2024         6Diax12          14         28.28         64           Raft (40000 Psi)         13         6         2024         6Diax12          14         28.28         69           Columns (5000 Psi)         10         7         2024         6Diax12          14         28.28         82           Columns (5000 Psi)         10         7         2024         6Diax12          14         28.28         81           Columns (5000 Psi)         10         7         2024         6Diax12          14         28.28         81           Slab (3350 Psi)         26         4         2024         6Diax12          14         28.28         63           Slab (3350 Psi)         2	Mark*         Casting Date*         Size         Weight (Kg/ gms)         Weight (Kg/ gms)         X-Section (Sq. in) (Imp.Tons)         Stress           Raft (4000 Psi)         13         6         2024         6Diax12          14         28.28         81         6416           Raft (4000 Psi)         13         6         2024         6Diax12          14.4         28.28         79         6257           Raft (4000 Psi)         13         6         2024         6Diax12          14         28.28         64         5069           Raft (40000 Psi)         13         6         2024         6Diax12          14         28.28         69         5465           Columns (5000 Psi)         10         7         2024         6Diax12          14         28.28         82         6495           Columns (5000 Psi)         10         7         2024         6Diax12          14.2         28.28         81         6416           Columns (5000 Psi)         10         7         2024         6Diax12          13.4         28.28         83         6574           Slab (3350 Psi)         26         4	Mark*         Casting Date*         Size         Weight (Kg/ gms)         X-Section (Sq. in) (Imp.Tons)         Stress (psi)         Absorpti on (%)           Raft (4000 Psi)         13         6         2024         6Diax12          14         28.28         81         6416            Raft (4000 Psi)         13         6         2024         6Diax12          14.4         28.28         79         6257            Raft (4000 Psi)         13         6         2024         6Diax12          14         28.28         64         5069            Raft (4000 Psi)         13         6         2024         6Diax12          14         28.28         64         5069            Raft (4000 Psi)         10         7         2024         6Diax12          14         28.28         69         5465            Columns (5000 Psi)         10         7         2024         6Diax12          14.2         28.28         81         6416            Columns (5000 Psi)         10         7         2024         6Diax12          14         28.28         8

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