

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.

> 7084 Dr. Aqsa

**Test Specification** 

To: Mr. Muhammad Yaseen

Sr Project Manager, Pakistan Engineering Solution, Lower Mall, Lahore.

Project: Construction of National Food Galaxy Project at Fidmic Sahianwala Faisalabad.

Our Ref. No. CL/CED/ 4812 Dated: 08/05/2024

Your Ref. No. PES-NFL-032 Dated: 25/4/2024 (ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 29/4/2024 Tested on: 08/05/2024 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		5	3	2024	6Diax12		14	28.28	48	3802		Non Engraved
2		5	3	2024	6Diax12		14	28.28	64	5069		Non Engraved
3		5	3	2024	6Diax12		13.6	28.28	58	4594		Non Engraved
4		25	3	2024	6Diax12		14	28.28	37	2931		Non Engraved
5		25	3	2024	6Diax12	CINE	RI 14	28.28	70	5545		Non Engraved
6		25	3	2024	6Diax12	READ IN	14	28.28	65	5149		Non Engraved
7						THE NAME OF THY LORD WHO		1				
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#### Witnessed by:

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 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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7101 Dr. M. Mazhar

( ASTM C39 )

To: Dr. Khalil Ahmad

ADGHS / PD IRMNCH & NP, Program Manager PHCIP- P&SHD

Project: Punjab Human Capital Investment Project (PHCIP)

Our Ref. No. CL/CED/ 4813 Dated: 08/05/2024

Dated:

29/4/2024

Your Ref. No. PIU-H/PHCIP/PM/520/2024

3/05/2024 <u>Test Specification</u>

## **COMPRESSION TEST REPORT**

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

Specimens received on: 30/4/2024 Tested on: 07/05/2024 in dry/wet condition



Sr. No.	Mark*	Cas	sting	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		4	4	2024	6Diax12		12.4	28.28	52	4119		Engraved
2		4	4	2024	6Diax12		13	28.28	54	4277	-	Engraved
3		4	4	2024	6Diax12		13	28.28	50	3960		Engraved
4		7	4	2024	6Diax12		12.4	28.28	54	4277		Engraved
5		7	4	2024	6Diax12	GINE	R 13	28.28	56	4436		Engraved
6		7	4	2024	6Diax12	READ IN	12.8	28.28	38	3010		Engraved
7		24	4	2024	6Diax12	THE NAME OF THY LORD WHO	-13.2	28.28	58	4594		Non Engraved
8		24	4	2024	6Diax12		12.8	28.28	54	4277		Non Engraved
9		24	4	2024	6Diax12	<b></b>	14	28.28	52	4119		Non Engraved
10						LA	ORE					
11												
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#### Witnessed by:

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7091 Dr. M. Mazhar

**Test Specification** 

To: Mr. Shahid Igbal

SHAHID IQBAL BUILDERS, Consultants, Architects, Contractors

Project: Construction of 101 DD Plaza Commerical Lahore. (First Floor Column, 1:1.5:3)

Our Ref. No. CL/CED/ 4814 Dated: 08/05/2024

Your Ref. No. Nil Dated: Nil (ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 29/4/2024 Tested on: 07/05/2024 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	(5000 Psi)	15	3	2024	6Diax12		14	28.28	44	3485		Non Engraved
2	(5000 Psi)	15	3	2024	6Diax12		13	28.28	24	1901		Non Engraved
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4												
5						GINE	RINE					
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15												
16												

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7091 Dr. M. Mazhar

**Test Specification** 

To: Mr. Shahid Igbal

SHAHID IQBAL BUILDERS, Consultants, Architects, Contractors

Project: Construction of 101 DD Plaza Commerical Lahore. (First Floor Slab, 1:2:4)

Our Ref. No. CL/CED/ 4815 Dated: 08/05/2024

Your Ref. No. Nil Dated: Nil (ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 29/4/2024 Tested on: 07/05/2024 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	(4000 Psi)	19	3	2024	6Diax12		13.2	28.28	48	3802		Non Engraved
2	(4000 Psi)	19	3	2024	6Diax12		13.4	28.28	85	6733		Non Engraved
3												
4										1		
5						RINE	RINE			1		
6						READ IN	200			1		
7						THE NAME OF THY LORD WHO		100		1		
8					80							
9							I	6/		1		
10						LA	OR			1		
11							-			1		
12										1		
13												
14												
15												
16										-		

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7091 Dr. M. Mazhar

**Test Specification** 

To: Mr. Shahid Igbal

SHAHID IQBAL BUILDERS, Consultants, Architects, Contractors

Project: Construction of 101 DD Plaza Commerical Lahore. (Second Floor Slab, 1:2:4)

Our Ref. No. CL/CED/ 4816 Dated: 08/05/2024

Your Ref. No. Nil Dated: Nil (ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 29/4/2024 Tested on: 07/05/2024 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	(4000 Psi)	7	4	2024	6Diax12		13	28.28	33	2614		Non Engraved
2	(4000 Psi)	7	4	2024	6Diax12		13.2	28.28	34	2693		Non Engraved
3												
4												
5						CINE	RINE					
6						READ IN	200					
7						THE NAME OF THY LORD WHO		186				
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10					<	/A	ORE					
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7091 Dr. M. Mazhar

**Test Specification** 

To: Mr. Shahid Igbal

SHAHID IQBAL BUILDERS, Consultants, Architects, Contractors

Project: Construction of 101 DD Plaza Commerical Lahore. (Mazzanine Floor Column, 1:1.5:3)

Our Ref. No. CL/CED/ 4817 Dated: 08/05/2024

Your Ref. No. Nil Dated: Nil (ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 29/4/2024 Tested on: 07/05/2024 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	(5000 Psi)	18	2	2024	6Diax12		13	28.28	61	4832		Non Engraved
2	(5000 Psi)	18	2	2024	6Diax12		13.2	28.28	50	3960		Non Engraved
3												
4												
5						GINE	RINE					
6						READ IN	200					
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7091 Dr. M. Mazhar

**Test Specification** 

To: Mr. Shahid Igbal

SHAHID IQBAL BUILDERS, Consultants, Architects, Contractors

Project: Construction of 101 DD Plaza Commerical Lahore. (Second Floor Column, 1:1.5:3)

Our Ref. No. CL/CED/ 4818 Dated: 08/05/2024

Your Ref. No. Nil Dated: Nil (ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 29/4/2024 Tested on: 07/05/2024 in dry/wet condition



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)	G.: (70)	
1		4	4	2024	6Diax12		12.8	28.28	58	4594		Non Engraved
2		4	4	2024	6Diax12		14	28.28	80	6337		Non Engraved
3												
4												
5						GINE	RINE					
6					}	READIN	200					
7						THE NAME OF THY LORD WHO	الدين خلف	<b>3</b>				
8					- 00	J. C.		<b>X</b> -				
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13												
14												
15												
16												

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> 7091 Dr. M. Mazhar

**Test Specification** 

To: Mr. Shahid Igbal

SHAHID IQBAL BUILDERS, Consultants, Architects, Contractors

Project: Construction of 101 DD Plaza Commerical Lahore. (Mezzanine Floor Slab, 1:2:4)

Our Ref. No. CL/CED/ 4819 Dated: 08/05/2024

Your Ref. No. Nil Dated: Nil (ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 29/4/2024 Tested on: 07/05/2024 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)	OH (%)	
1	(4000 Psi)	21	2	2024	6Diax12		13.2	28.28	68	5386		Non Engraved
2	(4000 Psi)	21	2	2024	6Diax12		13.8	28.28	66	5228		Non Engraved
3												
4												
5						GINE	RINE					
6						READ IN	200					
7						THE NAME OF THY LORD WHO	( j	<u> </u>				
8						J. C.		<b>X</b>				
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10						-LA	ORE					
11												
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#### Witnessed by:

 $Results\ can\ also\ be\ seen\ on\ website\ \underline{https://civil.uet.edu.pk/concrete-laboratory-reports1/2}$ 

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> 7118 Dr. Aqsa

To: Project Manager

Farrukh Nadeem, Innovative ® Construction Company

Project: Construction of Shoring Works at Kingdom Arena, RUDA Lahore.

Our Ref. No. CL/CED/ 4820 Dated: 08/05/2024 <u>Test Specification</u>

Your Ref. No. ICL/Ruda Dated: 02/05/2024 (ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 02/05/2024 Tested on: 08/05/2024 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		30	3	2024	6Diax12		14	28.28	78	6178		Non Engraved
2		30	3	2024	6Diax12		14.2	28.28	83	6574		Non Engraved
3		30	3	2024	6Diax12		14	28.28	84	6653		Non Engraved
4		31	3	2024	6Diax12		13.4	28.28	72	5703		Non Engraved
5		31	3	2024	6Diax12	GINE	P 14.4	28.28	88	6970		Non Engraved
6		31	3	2024	6Diax12	READ IN	13.8	28.28	93	7366		Non Engraved
7		1	4	2024	6Diax12	THE NAME OF THY LORD WHO	-14.6	28.28	72	5703		Non Engraved
8		1	4	2024	6Diax12		14	28.28	63	4990		Non Engraved
9		1	4	2024	6Diax12	<b>7</b>	13.8	28.28	66	5228		Non Engraved
10		2	4	2024	6Diax12	"	OR14	28.28	38	3010		Non Engraved
11		2	4	2024	6Diax12		14.2	28.28	63	4990		Non Engraved
12		2	4	2024	6Diax12		13.8	28.28	68	5386		Non Engraved
13		3	4	2024	6Diax12		14.6	28.28	69	5465		Non Engraved
14		3	4	2024	6Diax12		14	28.28	68	5386		Non Engraved
15		3	4	2024	6Diax12		13.4	28.28	74	5861		Non Engraved
16												

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> 7122 Dr. Aqsa

**Test Specification** 

To: Mr. Syed Usman Ali

AIR HEIGHTS DEVELOPERS (Pvt) Ltd.

Project: DE VIEW located at 72-Attaturk Block New Garden Town Lahore.

Our Ref. No. CL/CED/ 4821 Dated: 08/05/2024

Your Ref. No. Nil Dated: Nil (ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 29/4/2024 Tested on: 08/05/2024 in dry/wet condition



Sr. No.	Mark*			Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	OH (%)	
1	Basement Slab	29	3	2024	6Diax12		14.2	28.28	36	2851		Non Engraved
2	Basement Slab	29	3	2024	6Diax12		13.6	28.28	37	2931		Non Engraved
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4												
5						GINE	RINE					
6						READIN	2000	<b>X</b>				
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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 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.

> 7078 Dr. Aqsa

**Test Specification** 

To: Managing Partner

Shaheen Associates, New Garden Town Lahore

Project: Escorts Advanced Textiles (Pvt) Ltd Muridkey - Extension of Spinning Unit (Ground Floor)

Our Ref. No. CL/CED/ 4822 Dated: 08/05/2024

Your Ref. No. SBA-1/5050 Dated: 26/4/2024 (ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 26/4/2024 Tested on: 08/05/2024 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 Grid D-F(Line 24-26) (1:2:4)	1	4	2024	6Diax12		14	28.28	62	4911		Engraved
2	Slab Grid D-F(Line 24-26) (1:2:4)	1	4	2024	6Diax12		14.4	28.28	41	3248		Engraved
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Witnessed by:

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 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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**ORIGINAL** 

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

> 7095 Dr. Aqsa

**Test Specification** 

To: Engr Ahmed

Manager Structures, M/S Iqbal, Uzair and Associates, Johar Town Lahore

Project: Site 181-D, Model Town Lahore. (Retaining Wall, 3000 Psi)

Our Ref. No. CL/CED/ 4823 Dated: 08/05/2024

Your Ref. No. Nil Dated: Nil (ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 30/4/2024 Tested on: 08/05/2024 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	Mix Design Ratio (1:1.8:3.6)	15	3	2024	6Diax12		14.2	28.28	49	3881		Non Engraved
2	Mix Design Ratio (1:1.8:3.6)	15	3	2024	6Diax12		14.2	28.28	52	4119		Non Engraved
3	Mix Design Ratio (1:1.8:3.6)	15	3	2024	6Diax12		14	28.28	45	3564		Non Engraved
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#### Witnessed by:

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)
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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 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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**ORIGINAL** 

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

> 7095 Dr. Aqsa

**Test Specification** 

To: Engr Ahmed

Manager Structures, M/S Iqbal, Uzair and Associates, Johar Town Lahore

Project: Site 181-D, Model Town Lahore. (Foundation Bed, 3000 Psi)

Our Ref. No. CL/CED/ 4824 Dated: 08/05/2024

Your Ref. No. Nil Dated: Nil (ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 30/4/2024 Tested on: 08/05/2024 in dry/wet condition



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 (%)	
(1:1.8:3.6)	18	2	2024	6Diax12		13	28.28	36	2851		Non Engraved
(1:1.8:3.6)	18	2	2024	6Diax12		13	28.28	34	2693		Non Engraved
Mix Design Ratio (1:1.8:3.6)	18	2	2024	6Diax12		13.4	28.28	38	3010		Non Engraved
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Witnessed by:

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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**ORIGINAL** 

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

> 7095 Dr. Aqsa

**Test Specification** 

To: Engr Ahmed

Our Ref. No. CL/CED/ 4825

Manager Structures, M/S Iqbal, Uzair and Associates, Johar Town Lahore

Project: Site Jewel One, 97A Gulberg 3, Lahore. Slabs of Second Floor (First Floor Slab), 3000 Psi)

roject. Site bewer one, 37A dailery 8, Editore. Glabs of decond 1 1001 (1 1151 1001 Glab), 5000 1 31

Your Ref. No. Nil Dated: Nil (ASTM C39)

Dated:

08/05/2024

## **COMPRESSION TEST REPORT**

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

Specimens received on: 30/4/2024 Tested on: 08/05/2024 in dry/wet condition



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 (%)	
Mix Design Ratio (1:1.8:3.6)	26	3	2024	6Diax12		13.4	28.28	55	4356		Non Engraved
	26	3	2024	6Diax12		14.2	28.28	57	4515		Non Engraved
Mix Design Ratio (1:1.8:3.6)	26	3	2024	6Diax12		14	28.28	61	4832		Non Engraved
Mix Design Ratio (1:1.8:3.6)	26	3	2024	6Diax12		14.4	28.28	50	3960		Non Engraved
Mix Design Ratio (1:1.8:3.6)	26	3	2024	6Diax12	GINE	14.2	28.28	69	5465		Non Engraved
Mix Design Ratio (1:1.8:3.6)	26	3	2024	6Diax12	READ IN	13.4	28.28	68	5386		Non Engraved
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   13.4	Mark*         Casting Date*         Size         Weight Weight Weight Weight Weight X-Section         X-Section           Mix Design Ratio (1:1.8:3.6)         26         3         2024         6Diax12          13.4         28.28           Mix Design Ratio (1:1.8:3.6)         26         3         2024         6Diax12          14.2         28.28           Mix Design Ratio (1:1.8:3.6)         26         3         2024         6Diax12          14.4         28.28           Mix Design Ratio (1:1.8:3.6)         26         3         2024         6Diax12          14.4         28.28           Mix Design Ratio (1:1.8:3.6)         26         3         2024         6Diax12          14.2         28.28           Mix Design Ratio (1:1.8:3.6)         26         3         2024         6Diax12          13.4         28.28  <	Mark*         Casting Date*         Size         Weight Weight Weight (Mg/gms)         X-Section (Ioad (Imp.Tons)           Mix Design Ratio (1:1.8:3.6)         26         3         2024         6Diax12          13.4         28.28         55           Mix Design Ratio (1:1.8:3.6)         26         3         2024         6Diax12          14.2         28.28         57           Mix Design Ratio (1:1.8:3.6)         26         3         2024         6Diax12          14.4         28.28         61           Mix Design Ratio (1:1.8:3.6)         26         3         2024         6Diax12          14.4         28.28         50           Mix Design Ratio (1:1.8:3.6)         26         3         2024         6Diax12          14.2         28.28         69           Mix Design Ratio (1:1.8:3.6)         26         3         2024         6Diax12          13.4         28.28         68	Mark*         Casting Date*         Size         Weight (Kg/ gms)         X-Section (Sq. in)         load (Imp.Tons)         Stress (psi)           Mix Design Ratio (1:1.8:3.6)         26         3         2024 6Diax12          13.4         28.28         55         4356           Mix Design Ratio (1:1.8:3.6)         26         3         2024 6Diax12          14.2         28.28         57         4515           Mix Design Ratio (1:1.8:3.6)         26         3         2024 6Diax12          14.4         28.28         50         3960           Mix Design Ratio (1:1.8:3.6)         26         3         2024 6Diax12          14.4         28.28         69         5465           Mix Design Ratio (1:1.8:3.6)         26         3         2024 6Diax12          13.4         28.28         69         5465           Mix Design Ratio (1:1.8:3.6)         26         3         2024 6Diax12          13.4         28.28         68         5386 <td>Mark*         Casting Date*         Size         Weight Weight Weight Weight (Kg/gms)         X-Section load (Stress Absorption on (%)         Water Absorption on (%)           Mix Design Ratio (1:1.8:3.6)         26         3         2024         6Diax12          13.4         28.28         55         4356            Mix Design Ratio (1:1.8:3.6)         26         3         2024         6Diax12          14.2         28.28         57         4515            Mix Design Ratio (1:1.8:3.6)         26         3         2024         6Diax12          14.4         28.28         61         4832            Mix Design Ratio (1:1.8:3.6)         26         3         2024         6Diax12          14.4         28.28         50         3960            Mix Design Ratio (1:1.8:3.6)         26         3         2024         6Diax12          14.2         28.28         69         5465            Mix Design Ratio (1:1.8:3.6)         26         3         2024         6Diax12          13.4         28.28         68         5386              </td>	Mark*         Casting Date*         Size         Weight Weight Weight Weight (Kg/gms)         X-Section load (Stress Absorption on (%)         Water Absorption on (%)           Mix Design Ratio (1:1.8:3.6)         26         3         2024         6Diax12          13.4         28.28         55         4356            Mix Design Ratio (1:1.8:3.6)         26         3         2024         6Diax12          14.2         28.28         57         4515            Mix Design Ratio (1:1.8:3.6)         26         3         2024         6Diax12          14.4         28.28         61         4832            Mix Design Ratio (1:1.8:3.6)         26         3         2024         6Diax12          14.4         28.28         50         3960            Mix Design Ratio (1:1.8:3.6)         26         3         2024         6Diax12          14.2         28.28         69         5465            Mix Design Ratio (1:1.8:3.6)         26         3         2024         6Diax12          13.4         28.28         68         5386

Witnessed by:

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 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.

> 7095 Dr. Aqsa

**Test Specification** 

To: Engr Ahmed

Manager Structures, M/S Iqbal, Uzair and Associates, Johar Town Lahore

Project: Site 36 Indus, Green Forts, Lahore. (Slabs and Canopies)

Our Ref. No. CL/CED/ 4826 Dated: 08/05/2024

Your Ref. No. Nil Dated: Nil (ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 30/4/2024 Tested on: 08/05/2024 in dry/wet condition



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	Mix Design Ratio (1:2:4)	13	3	2024	6Diax12		13.2	28.28	52	4119		Non Engraved
2	Mix Design Ratio (1:2:4)	13	3	2024	6Diax12		14	28.28	34	2693		Non Engraved
3	Mix Design Ratio (1:2:4)	13	3	2024	6Diax12		14	28.28	45	3564		Non Engraved
4	Mix Design Ratio (1:2:4)	13	3	2024	6Diax12		14	28.28	68	5386		Non Engraved
5	Mix Design Ratio (1:2:4)	13	3	2024	6Diax12	RINE	13.6	28.28	63	4990		Non Engraved
6	Mix Design Ratio (1:2:4)	13	3	2024	6Diax12	READ IN	14	28.28	58	4594		Non Engraved
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#### Witnessed by:

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 compressive 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** 

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> 7095 Dr. Aqsa

**Test Specification** 

To: Engr Ahmed

Manager Structures, M/S Iqbal, Uzair and Associates, Johar Town Lahore

Project: Site 75-U Phase 7, DHA Lahore. (Foundation Bed, 3000 Psi)

Our Ref. No. CL/CED/ 4827 Dated: 08/05/2024

Your Ref. No. Nil Dated: Nil (ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 30/4/2024 Tested on: 08/05/2024 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	Mix Design Ratio (1:2:4)	22	3	2024	6Diax12		14.2	28.28	42	3327		Non Engraved
2	Mix Design Ratio (1:2:4)	22	3	2024	6Diax12		15	28.28	54	4277		Non Engraved
3	Mix Design Ratio (1:2:4)	22	3	2024	6Diax12		14.6	28.28	51	4040		Non Engraved
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#### Witnessed by:

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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- 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.

> 7095 Dr. Aqsa

**Test Specification** 

To: Engr Ahmed

Manager Structures, M/S Iqbal, Uzair and Associates, Johar Town Lahore

Project: Site 75-U Phase 7, DHA Lahore. (Retaining Walls, 3000 Psi)

Our Ref. No. CL/CED/ 4828 Dated: 08/05/2024

Your Ref. No. Nil Dated: Nil (ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 30/4/2024 Tested on: 08/05/2024 in dry/wet condition



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	Mix Design Ratio (1:2:4)	4	4	2024	6Diax12		14.6	28.28	53	4198		Non Engraved
2	Mix Design Ratio (1:2:4)	4	4	2024	6Diax12		15	28.28	56	4436		Non Engraved
3	Mix Design Ratio (1:2:4)	4	4	2024	6Diax12		14.6	28.28	46	3644		Non Engraved
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#### Witnessed by:

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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

- 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.

> 7094 Dr. Aqsa

**Test Specification** 

To: Mr. Sufiyan Ali

Vice Nazim, Jamia-tul-Rasheed, Lahore Campus

Project: Construction of Jamia-Tur-Rasheed Lahore

Our Ref. No. CL/CED/ 4829 Dated: 08/05/2024

Your Ref. No. Nil Dated: 30/4/2024 (ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 30/4/2024 Tested on: 08/05/2024 in dry/wet condition



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MIM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	. (**)	
1	F-2 + F-2	27	3	2024	6Diax12		13.4	28.28	36	2851		Engraved
2	F-2 + F-2	27	3	2024	6Diax12		14	28.28	37	2931		Engraved
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#### Witnessed by:

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 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** 

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> 7094 Dr. Aqsa

**Test Specification** 

To: Mr. Sufiyan Ali

Vice Nazim, Jamia-tul-Rasheed, Lahore Campus

Project: Construction of Jamia-Tur-Rasheed Lahore Campus

Our Ref. No. CL/CED/ 4830 Dated: 08/05/2024

Your Ref. No. Nil Dated: 30/4/2024 (ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 30/4/2024 Tested on: 08/05/2024 in dry/wet condition



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)	(/-9/	
1	F-4 + F-4	26	3	2024	6Diax12		14.4	28.28	43	3406		Engraved
2	F-4 + F-4	26	3	2024	6Diax12		14	28.28	30	2376		Engraved
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#### Witnessed by:

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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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- 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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> 7094 Dr. Aqsa

**Test Specification** 

To: Mr. Sufiyan Ali

Vice Nazim, Jamia-tul-Rasheed, Lahore Campus

Project: Construction of Jamia-Tur-Rasheed Lahore Campus

Our Ref. No. CL/CED/ 4831 Dated: 08/05/2024

Your Ref. No. Nil Dated: 30/4/2024 (ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 30/4/2024 Tested on: 08/05/2024 in dry/wet condition



Sr. No.	Mark*		_	Date*	Size	Wet Weight	Dry 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)	(/-9/	
1	F-9 + F-9	25	3	2024	6Diax12		14	28.28	25	1980		Engraved
2	F-9 + F-9	25	3	2024	6Diax12		14	28.28	35	2772		Engraved
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#### Witnessed by:

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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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**ORIGINAL** 

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> 7100 Dr. Aqsa

To: Sub Divisional Officer

Maintenance Sub Division No. II, GOR-III Lahore

Project: Construction of One Multistorey Building for Residences Grade 11-14 (36 Nos) for Staff Colony at

Chauburgi, Garden State, Multan Road, Lahore.

Our Ref. No. CL/CED/ 4832

Dated: 08/05/2024

Test Specification

Your Ref. No. 342 Sd/GOR-III, Lhr

Dated: 15/3/2024

( ASTM C39 )

## **COMPRESSION TEST REPORT**

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

Specimens received on: 30/4/2024 Tested on: 08/05/2024 in dry/wet condition



		3	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 (%)	
GF Columns (1:1.5:3)	15	3	2024	6Diax12		14	28.28	89	7050		Non Engraved
GF Columns (1:1.5:3)	15	3	2024	6Diax12		14	28.28	67	5307		Non Engraved
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	GF Columns (1:1.5:3)	(1:1.5:3)  GF Columns (1:1.5:3)	(1:1.5:3)	(1:1.5:3)  GF Columns (1:1.5:3)	(1:1.5:3)  GF Columns (1:1.5:3)	(1:1.5:3) GF Columns (1:1.5:3)	(1:1.5:3)  GF Columns (1:1.5:3)	GF Columns (1:1.5:3) 15 3 2024 6Diax12 14 28.28	GF Columns (1:1.5:3) 15 3 2024 6Diax12 14 28.28 67	1:1.5:3    15   3   2024   6Diax12     14   28.28   67   5307     1:1.5:3	1:1.5:3    15   3   2024   6Diax12     14   28.28   67   5307

Witnessed by:

 $Results\ can\ also\ be\ seen\ on\ website\ \underline{https://civil.uet.edu.pk/concrete-laboratory-reports1/2}$ 

- 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** 

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> 7100 Dr. Aqsa

To: Sub Divisional Officer

Maintenance Sub Division No. II, GOR-III Lahore

Project: Construction of One Multistorey Building for Residences Grade 11-14 (36 Nos) for Staff Colony at

Chauburgi, Garden State, Multan Road, Lahore

Our Ref. No. CL/CED/ 4833

Dated: 08/05/2024

**Test Specification** 

Your Ref. No. 379 Sd/GOR-III, Lhr

Dated: 15/3/2024

( ASTM C39 )

## **COMPRESSION TEST REPORT**

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

Specimens received on: 30/4/2024 Tested on: 08/05/2024 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	Ground Floor Slab Conc. (1:2:4)	15	3	2024	6Diax12		14	28.28	81	6416		Non Engraved
2	Ground Floor Slab Conc. (1:2:4)	15	3	2024	6Diax12		13.4	28.28	49	3881		Non Engraved
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Witnessed by:

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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.

> 7106 Dr. Umbreen

To: Mr. Rashid Kamran

Resident Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Construction of Walkways and Traffic Regulatory Devices on 150 feet Wide Main Roads (S1, S2 & S3)

& 80, 100 & 120 feet Wide Main Roads of LDA Avenue-I Scheme, Lahore.

Our Ref. No. CL/CED/ 4834 Dated: 08/05/2024 Test Specification

Your Ref. No. 2599/13/05/RK/WKW/155 Dated: 25/3/2024 (----)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 30/4/2024 Tested on: 07/05/2024 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	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.4		2560	29.64	62	4686		
2	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.4		2880	29.64	107	8086		
3	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.4		2845	29.64	160	12092		
4	Rectangular, Red, 60mm				7.8 x 3.8 x 2.4		2895	29.64	105	7935		
5	Rectangular, Red, 60mm				7.8 x 3.8 x 2.4	GINE	2755	29.64	114	8615		
6	Rectangular, Red, 60mm				7.8 x 3.8 x 2.4	READ IN	2775	29.64	113	8540		
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#### Witnessed by:

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