

**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 <u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

8061 Dr. M. Mazhar

### To: Mr. Nabeel A Khan

Project Manager, TREET CORPORATION LIMITED

Project: Construction of New Offices 1st Floor b/w Production Hall & Packsol Building.

Our Ref. No. CL/	CED/ 6220	Dated:	23-10-24	Test Specification
Your Ref. No.	TCL-PBNO-241022-01	Dated:	22-10-24	(ASTM C39)

7

## **COMPRESSION TEST REPORT**



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

ens received on:	2	2-10	-24	Tested on:	23-2	10-24	in dry/wet	condition			jčene B
Mark*		-		Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)		load	Stress	Water Absorpti on (%)	Remarks
3000 Psi	17	9	2024	6Diax12		13.6	28.28	50	3960		Engraved
3000 Psi	17	9	2024	6Diax12		13.4	28.28	40	3168		Engraved
3000 Psi	17	9	2024	6Diax12		13.4	28.28	40	3168		Engraved
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	Mark* 3000 Psi 3000 Psi 3000 Psi	Mark*         Cas           DD         3000 Psi         17           3000 Psi         17           3000 Psi         17           3000 Psi         17           3000 Psi         17	Mark*         Casting           DD         MM           3000 Psi         17         9           3000 Psi         17         9           3000 Psi         17         9           3000 Psi         17         9           3000 Psi         17         9	Mark*         Casting Date*           DD         MM YYYY           3000 Psi         17         9         2024           3000 Psi         17         9         2024 <td>Mark*         Casting Date*         Size           DD         MM         YYY         (in)           3000 Psi         17         9         2024         6Diax12   </td> <td>Mark*         Casting Date*         Size         Wet Weight           DD         MM YYYY         (in)         (Kg/gms)           3000 Psi         17         9         2024         6Diax12                    3000 Psi         17         9         2024         6Diax12  </td> <td>Mark*         Casting Date*         Size         Wet Weight         Dry Weight           3000 Psi         17         9         2024         6Diax12          13.6           3000 Psi         17         9         2024         6Diax12          13.4               13.4          13.4                13.4   </td> <td>Mark*         <math>Casting Date*</math>         Size         Wet Weight Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section (Kg/gms)           3000 Psi         17         9         2024         6Diax12          13.6         28.28           3000 Psi         17         9         2024         6Diax12          13.4         28.28   <td>Mark*         <math>Casting Date*</math>         Size         Wet Weight Weight Weight (Kg/gms)         Area of X-Section (Imp.Tons)           3000 Psi         17         9         2024         6Diax12          13.6         28.28         50           3000 Psi         17         9         2024         6Diax12          13.4         28.28         40           3000 Psi         17         9         2024         6Diax12          13.4         28.28         40           3000 Psi         17         9         2024         6Diax12          13.4         28.28         40             13.4         28.28         40   </td><td>Mark*         <math>Casting Date*</math>         Size         Wet Weight (Kg/ gms)         Area of Kg/ gms)         Ultimate Ioad         Stress (Kg/ gms)           3000 Psi         17         9         2024         6Diax12          13.6         28.28         50         3960           3000 Psi         17         9         2024         6Diax12          13.4         28.28         40         3168           3000 Psi         17         9         2024         6Diax12          13.4         28.28         40         3168           3000 Psi         17         9         2024         6Diax12          13.4         28.28         40         3168             13.4         28.28         40         3168              13.4         28.28         40         3168                                  &lt;</td><td>Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of Kg/gms)         Ultimate Ioad (Imp.Tons)         Water Absorpti on (%)           3000 Psi         17         9         2024         6Diax12          13.6         28.28         50         3960            3000 Psi         17         9         2024         6Diax12          13.4         28.28         40         3168            3000 Psi         17         9         2024         6Diax12          13.4         28.28         40         3168            3000 Psi         17         9         2024         6Diax12          13.4         28.28         40         3168              13.4         28.28         40         3168                                    <!--</td--></td></td>	Mark*         Casting Date*         Size           DD         MM         YYY         (in)           3000 Psi         17         9         2024         6Diax12           3000 Psi         17         9         2024         6Diax12	Mark*         Casting Date*         Size         Wet Weight           DD         MM YYYY         (in)         (Kg/gms)           3000 Psi         17         9         2024         6Diax12                    3000 Psi         17         9         2024         6Diax12	Mark*         Casting Date*         Size         Wet Weight         Dry Weight           3000 Psi         17         9         2024         6Diax12          13.6           3000 Psi         17         9         2024         6Diax12          13.4               13.4          13.4                13.4	Mark* $Casting Date*$ Size         Wet Weight Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section (Kg/gms)           3000 Psi         17         9         2024         6Diax12          13.6         28.28           3000 Psi         17         9         2024         6Diax12          13.4         28.28 <td>Mark*         <math>Casting Date*</math>         Size         Wet Weight Weight Weight (Kg/gms)         Area of X-Section (Imp.Tons)           3000 Psi         17         9         2024         6Diax12          13.6         28.28         50           3000 Psi         17         9         2024         6Diax12          13.4         28.28         40           3000 Psi         17         9         2024         6Diax12          13.4         28.28         40           3000 Psi         17         9         2024         6Diax12          13.4         28.28         40             13.4         28.28         40   </td> <td>Mark*         <math>Casting Date*</math>         Size         Wet Weight (Kg/ gms)         Area of Kg/ gms)         Ultimate Ioad         Stress (Kg/ gms)           3000 Psi         17         9         2024         6Diax12          13.6         28.28         50         3960           3000 Psi         17         9         2024         6Diax12          13.4         28.28         40         3168           3000 Psi         17         9         2024         6Diax12          13.4         28.28         40         3168           3000 Psi         17         9         2024         6Diax12          13.4         28.28         40         3168             13.4         28.28         40         3168              13.4         28.28         40         3168                                  &lt;</td> <td>Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of Kg/gms)         Ultimate Ioad (Imp.Tons)         Water Absorpti on (%)           3000 Psi         17         9         2024         6Diax12          13.6         28.28         50         3960            3000 Psi         17         9         2024         6Diax12          13.4         28.28         40         3168            3000 Psi         17         9         2024         6Diax12          13.4         28.28         40         3168            3000 Psi         17         9         2024         6Diax12          13.4         28.28         40         3168              13.4         28.28         40         3168                                    <!--</td--></td>	Mark* $Casting Date*$ Size         Wet Weight Weight Weight (Kg/gms)         Area of X-Section (Imp.Tons)           3000 Psi         17         9         2024         6Diax12          13.6         28.28         50           3000 Psi         17         9         2024         6Diax12          13.4         28.28         40           3000 Psi         17         9         2024         6Diax12          13.4         28.28         40           3000 Psi         17         9         2024         6Diax12          13.4         28.28         40             13.4         28.28         40	Mark* $Casting Date*$ Size         Wet Weight (Kg/ gms)         Area of Kg/ gms)         Ultimate Ioad         Stress (Kg/ gms)           3000 Psi         17         9         2024         6Diax12          13.6         28.28         50         3960           3000 Psi         17         9         2024         6Diax12          13.4         28.28         40         3168           3000 Psi         17         9         2024         6Diax12          13.4         28.28         40         3168           3000 Psi         17         9         2024         6Diax12          13.4         28.28         40         3168             13.4         28.28         40         3168              13.4         28.28         40         3168                                  <	Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of Kg/gms)         Ultimate Ioad (Imp.Tons)         Water Absorpti on (%)           3000 Psi         17         9         2024         6Diax12          13.6         28.28         50         3960            3000 Psi         17         9         2024         6Diax12          13.4         28.28         40         3168            3000 Psi         17         9         2024         6Diax12          13.4         28.28         40         3168            3000 Psi         17         9         2024         6Diax12          13.4         28.28         40         3168              13.4         28.28         40         3168 </td

#### 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 comprensive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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.



**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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8052 Dr. M. Mazhar

#### To: Mr. Abdul Baseet

Material Engineer, Banu Mukhtar Contracting (Pvt) Limited

Project: Burj-1 by AJWA Builders (Main Building 5th Floor Zone	e-01, Lift Wall-05, Gi	rds:- H'~H/4)
Our Ref No. CL/CED/ 6221	Dated:	23-10-24

		Buteu.	20 10 24
Your Ref. No.	DOC-BMC/AJWA/174	Dated:	21-10-24

## COMPRESSION TEST REPORT



Test Specification (ASTM C39)

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

Specim	ens received on:	2	2-10	-24	Tested on:	23-1	0-24	in dry/we	t condition		Ü	jester
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	6000 Psi	17	9	2024	6Diax12		13	28.28	32	2535		Non Engraved
2	6000 Psi	17	9	2024	6Diax12		13	28.28	32	2535		Non Engraved
3	6000 Psi	17	9	2024	6Diax12		13	28.28	30	2376		Non Engraved
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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8038 Dr. M. Mazhar

To: Mr. Mirza Muhammad Abdullah

Senior Resident Engineer, HA Consulting, Johar Town, Lahore

Project: Construction of DELTA# 10 NASTP Phase-03 in PAF BASE, Lahore.

Our Ref. No. CL/	CED/ 6222	Dated:	23-10-24	Test Specification
Your Ref. No.	24/HAC/NASTP/1293	Dated:	07-10-24	(ASTM C39)

## **COMPRESSION TEST REPORT**



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

Specim	ens received on:	2	1-10	-24	Tested on:	23-1	0-24	in dry/we	t condition		Ë	j2.33896
Sr. No.	Mark*		•	Date* YYYY	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	Delta #10 (Lean)	9	9	2024	6Diax12		12.8	28.28	30	2376		Non Engraved
2	Delta #10 (Lean)	9	9	2024	6Diax12		14	28.28	40	3168		Non Engraved
3	Delta #10 (Lean)	9	9	2024	6Diax12		13.4	28.28	44	3485		Non Engraved
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#### Witnessed by:

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**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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8060 Dr. M. Mazhar

#### To: Mr. Tahawar Owais

Project Manager, DSG Energy, Moving Towards A Greener Future

Project: Construction of Office Building at 29-M QIE.

Our Ref. No. CL/CED/ 6223	Dated:	23-10-24	Test Specification
Your Ref. No. Nil	Dated:	Nil	(ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specim	ens received on:	2	2-10	-24	Tested on:	23-7	10-24	in dry/we	t condition		Ċ	jester
Sr. No.	Mark*	Cas	-	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)	011 (76)	
1		21	9	2024	6Diax12		14.4	28.28	64	5069		Non Engraved
2		21	9	2024	6Diax12		14	28.28	60	4752		Non Engraved
3		21	9	2024	6Diax12		14.6	28.28	62	4911		Non Engraved
4		12	10	2024	6Diax12		14	28.28	58	4594		Non Engraved
5		12	10	2024	6Diax12	STATI	R/ 14,4	28.28	54	4277		Non Engraved
6		12	10	2024	6Diax12	READ IN	14	28.28	64	5069		Non Engraved
7		14	10	2024	6Diax12	OF THY -CORD WHC CREATES	الى تىلى 14. خان ر	28.28	64	5069		Non Engraved
8		14	10	2024	6Diax12		14.4	28.28	64	5069		Non Engraved
9		14	10	2024	6Diax12	20-	14	28.28	60	4752		Non Engraved
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#### witnessea 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

Note: Above results pertain to the unsealed samples supplied to the laboratory

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.



To:

# Plain and Reinforced Concrete Laboratory

**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 <u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

8049 Dr. M. Mazhar

Resident Engine Al-Imam Enterpi			
•	iction of Zonal Office Building of Bank e Works Package)	AL Habib Limited, Main Bou	llevard Gulberg, Lahore
Our Ref. No. CL	/CED/ 6224	Dated:	23/10/2024
Your Ref. No.	Alm/BAHL/1021/2110	Dated:	21/10/2024

# **COMPRESSION TEST REPORT**



Test Specification (ASTM C39)

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

Specim	ens received on:	21	/10/2	2024	Tested on:	23/10	0/2024	in dry/wet	condition		Ē	je sker
Sr. No.	Mark*		-	Date* YYYY	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	4000 Psi	22	9	2024	6Diax12		14	28.28	87	6891		Non Engraved
2	4000 Psi	22	9	2024	6Diax12		14	28.28	83	6574		Non Engraved
3	4000 Psi	22	9	2024	6Diax12		14.4	28.28	85	6733		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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## **Plain and Reinforced Concrete Laboratory Civil Engineering Department** 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.

8070 Dr. M. Mazhar

To: Mr. Muhammad Zain-Ul-Abadeen

Resident Engineer, Environmental & Public Health Engineering Division, NESPAK (Pvt) Ltd. Project: Rain Water Management Drainage Arrangement for Sore Point at Nishter Park Sports Complex (Qaddafi Stadium), Lahore. Our Ref. No. CL/CED/ 6225 Dated: 23/10/2024 Your Ref. No. 3882/11/MZA/411 Dated: 23/10/2024

# COMPRESSION TEST REPORT



**Test Specification** 

(ASTM C39)

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

Specim	ens received on:	23	8/10/2	2024	Tested on:	23/10	)/2024	in dry/wet	condition		Ē	jesuss
Sr. No.	Mark*		-	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	Wall	23	9	2024	6Diax12		13.2	28.28	72	5703		Non Engraved
2	Wall	23	9	2024	6Diax12		13.4	28.28	72	5703		Non Engraved
3	Wall	23	9	2024	6Diax12		13.6	28.28	80	6337		Non Engraved
4	Column	24	9	2024	6Diax12		13.9	28.28	48	3802		Non Engraved
5	Column	24	9	2024	6Diax12	STANE	14.4	28.28	68	5386		Non Engraved
6	Column	24	9	2024	6Diax12	READ IN	14	28.28	64	5069		Non Engraved
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#### witnessea by:

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

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**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

8021 Dr. Aqsa

To: Ahmad Associates

117- Ahmad Block, New Garden Town, Lahore.

Project: Concrete Fo	oting			
Our Ref. No. CL/CED	/ 6226	Dated:	23-10-24	Test Specification
Your Ref. No. A	A-131272	Dated:	16/10/2024	(ASTM C39)

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# **COMPRESSION TEST REPORT**



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

Specim	ens received on:	16	6/10/2	2024	Tested on:	22-1	10-24	in dry/wet	condition		Ū	je skerg
Sr. No.	Mark*	Cas DD	-	Date* YYYY	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	T1 (3000 Psi)	18	9	2024	6Diax12		14	28.28	42	3327		Engraved
2	T2 (3000 Psi)	18	9	2024	6Diax12		14	28.28	35	2772		Engraved
3	T3 (3000 Psi)	18	9	2024	6Diax12		13.8	28.28	40	3168		Engraved
4												
5						WHINE	RING A					
6						READ N	207					
7						OF THY -CORD WHO OREATES	زیجک ان کی خلق ر					
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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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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

Note: Above results pertain to the unsealed samples supplied to the laboratory

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.

Supervisor (Lab)



**Civil Engineering Department** 

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.

> 8027 Dr. Aqsa

#### To: Shaheen Associates New Garden Town Lahore

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

Our Ref. No. CL/	CED/ 6227	Dated:	23-10-24	Test Specification
Your Ref. No.	SBA-1/6060	Dated:	16/10/2024	(ASTM C39)

# COMPRESSION TEST REPORT



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

Specim	pecimens received on: 17-10-24 Tested on: 22-10-24 in dry/wet condition						Ü	j2.33896				
Sr. No.	Mark*		-	Date* YYYY	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	Footing CF1- Grid D E, (1:2:4)	10	10	2024	6Diax12		14.6	28.28	42	3327		Non Engraved
2	Footing CF1- Grid D E, (1:2:4)	10	10	2024	6Diax12		14	28.28	34	2693		Non Engraved
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4												
5						NHNE	RING					
6					- )	READ IN	200	×				
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Witness	sed by:											

#### witnessea 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

Note: Above results pertain to the unsealed samples supplied to the laboratory

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 Mobile: 0307-0496895 Landline: 042-99029245 & 042-99029202

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

> 8040 Dr. Aqsa

To: Engr. Zaheer ud din Babar Deputy General Manager Projects, Habib Rafiq Engineering (Pvt) Ltd, Gulberg-II, Lahore

Project: Construction of Sky Gardens Tower, Lahore (Ramp #1, Slab + Beams B2 to B1 at Grid (B-C/2-3)

Our Ref. No. CL/C	ED/ 6228	Dated:	23-10-24	Test Specification
Your Ref. No.	HRLE/SKG/2024/170	Dated:	21/10/2024	(ASTM C39)

# COMPRESSION TEST REPORT



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

Specim	ens received on:	21	/10/2	2024	Tested on:	22-1	0-24	in dry/wet condition				jestegi
Sr. No.	Mark*	Cas DD	-	Date* YYYY	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	Lab No. 361	23	9	2024	6Diax12		14.2	28.28	112	8871		Non Engraved
2	Lab No. 361	23	9	2024	6Diax12		14.4	28.28	118	9347		Non Engraved
3	Lab No. 361	23	9	2024	6Diax12		14.6	28.28	91	7208		Non Engraved
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5					-	NHNE	RING			-		
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Witness	sed by:											

#### witnessea 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 comprensive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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.



**Civil Engineering Department** 

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.

> 8009 Dr. Aqsa

**Test Specification** 

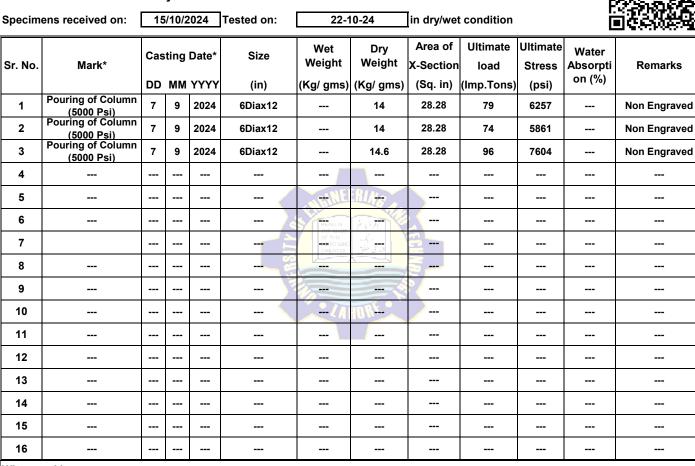
(ASTM C39)

To: Engr. Hassan Mahmood Resident Engineer, G3 Engineering Consultants (Pvt) Ltd

> Project: Construction of DHA NEWLIFE RESIDENCY APPARTMENTS AT 273/1 Q BLOCK PHASE-II DHA LAHORE. Our Ref. No. CL/CED/ 6229 Dated: 23-10-24 Your Ref. No. G3/DHA-NLD/RE/269 Dated: 27/9/2024

# **COMPRESSION TEST REPORT**





#### 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 comprensive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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.



To:

# Plain and Reinforced Concrete Laboratory

**Civil Engineering Department** 

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.

> 8009 Dr. Aqsa

Test Specification

(ASTM C39)

Engr. Hassan Mahmood Resident Engineer, G3 Engineering Consultants (Pvt) Ltd Project: Construction of DHA NEWLIFE RESIDENCY APPARTMENTS AT 273/1 Q BLOCK PHASE-II DHA LAHORE (4th Floor of 8A Apartment & SOG of Block B) Our Ref. No. CL/CED/ 6230 Dated: 23-10-24 Your Ref. No. G3/DHA-NLD/RE/271 Dated: 27/9/2024

# COMPRESSION TEST REPORT

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

Specimens received on: 15/10		15/10/2024 Tested on:		22-1	22-10-24		in dry/wet condition			iester j		
Sr. No.	Mark*		Ŭ	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	4th Floor Slab/ SOG (4000 Psi)	7	9	2024	6Diax12		13.4	28.28	72	5703		Non Engraved
2	4th Floor Slab/ SOG (4000 Psi)	7	9	2024	6Diax12		13.2	28.28	78	6178		Non Engraved
3	4th Floor Slab/ SOG (4000 Psi)	7	9	2024	6Diax12		14	28.28	70	5545		Non Engraved
4	4th Floor Slab/ SOG (4000 Psi)	15	9	2024	6Diax12		14	28.28	78	6178		Non Engraved
5	4th Floor Slab/ SOG (4000 Psi)	15	9	2024	6Diax12	<b>WHINE</b>	13.4	28.28	84	6653		Non Engraved
6	4th Floor Slab/ SOG (4000 Psi)	15	9	2024	6Diax12	READ N	14.6	28.28	84	6653		Non Engraved
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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 comprensive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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.



**Civil Engineering Department** 

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.

> 8009 Dr. Aqsa

Test Specification

(ASTM C39)

To: Engr. Hassan Mahmood Resident Engineer, G3 Engineering Consultants (Pvt) Ltd Project: Construction of DHA NEWLIFE RESIDENCIA APPARTMENTS AT 273/1 Q BLOCK PHASE-II DHA LAHORE (Columns of Block B) Our Ref. No. CL/CED/ 6231 Dated: 23-10-24 Your Ref. No. G3/DHA-NLD/RE/273 Dated: 12-10-24

# COMPRESSION TEST REPORT



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

Specim	becimens received on: 15/10/2024				Tested on: 22-10-24 i			in dry/wet condition				jester,
Sr. No.	Mark*	Cas	•	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Column of Block-B (5000 Psi)	15	9	2024	6Diax12		14	28.28	83	6574		Non Engraved
2	Column of Block-B (5000 Psi)	15	9	2024	6Diax12		14	28.28	73	5782		Non Engraved
3	Column of Block-B (5000 Psi)	15	9	2024	6Diax12		13.8	28.28	85	6733		Non Engraved
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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Note: Above results pertain to the unsealed samples supplied to the laboratory

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.

Supervisor (Lab)



**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 <u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

> 8005 Dr. Aqsa

### To: Mr. M. Waseem Azhar

AASSISTANT DIRECTOR (QCD) WASA, LDA, LAHORE.

Project: Testing of Concrete cylinder against (M/s. ALI REHMAN RCC PIPE FACTORY)

Our Ref. No. CL/CED/ 6232	Dated:	23-10-24	Test Specification
Your Ref. No. No.QCD/2098	Dated:	12-10-24	(ASTM C39)

## **COMPRESSION TEST REPORT**



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

Specime	ens received on:	14	/10/2	2024	Tested on:	22-1	10-24	in dry/wet	t condition		Ē	jčenen
Sr. No.	Mark*	Cas	-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)		Water Absorpti on (%)	Remarks
1		18	8	2024	6Diax12		13	28.28	33	2614		Engraved
2		18	8	2024	6Diax12		13	28.28	37	2931		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)

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Note: Above results pertain to the unsealed samples supplied to the laboratory

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**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 <u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

> 8005 Dr. Aqsa

### To: Mr. M. Waseem Azhar

AASSISTANT DIRECTOR (QCD) WASA, LDA, LAHORE.

Project: Testing of Concrete cylinder against (M/s. ALI REHMAN RCC PIPE FACTORY)

Our Ref. No. CL/CED/ 6233	Dated:	23-10-24	Test Specification
Your Ref. No. No.QCD/2099	Dated:	12-10-24	(ASTM C39)

## **COMPRESSION TEST REPORT**



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

ens received on:	14	/10/2	2024	Tested on:	22-1	0-24	in dry/wet	condition		Ē	jčene p
Mark*	Cas DD	-		Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)			Stress	water	Remarks
	26	8	2024	6Diax12		13.6	28.28	52	4119		Engraved
	26	8	2024	6Diax12		12.2	28.28	51	4040		Engraved
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					NHNE	RING					
				>	READ IN	2000					
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	Mark*	Mark*         Cas           DD          26            26             26             26 <tr tr=""> <t< td=""><td>Mark*         Casting           DD         MM            26         8            26         8            26         8            26         8            26         8            26         8            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1     <td>Mark*         Casting Date*           DD         MM YYYY            26         8         2024            26         8         2024            26         8         2024            26         8         2024            26         8         2024            26         8         2024            26         8         2024            26         8         2024            26         8         2024            56         8         2024            57         57         57            57         57         57            57         57         57            57         57         57            57         57         57            57         57         57            57         57         57            57         57         57            57         57</td><td>Mark*         Casting Date*         Size           DD         MM         YYY         (in)            26         8         2024         6Diax12  </td><td>Mark*         Casting Date*         Size         Wet Weight           DD         MM YYYY         (in)         (Kg/gms)            26         8         2024         6Diax12             26         8         2024         6Diax12             26         8         2024         6Diax12             26         8         2024         6Diax12  -</td><td>Mark*         Casting Date*         Size         Wet Weight         Dry Weight           DD         MM YYYY         (in)         (Kg/gms)         (Kg/gms)            26         8         2024         6Diax12          13.6            26         8         2024         6Diax12          12.2            26         8         2024         6Diax12          12.2                12.2                12.2   <td< td=""><td>Mark*         Casting Date*         Size         Wet Weight Weight (Kg/gms)         Area of X-Section (Kg/gms)            26         8         2024         6Diax12          13.6         28.28            26         8         2024         6Diax12          12.2         28.28            26         8         2024         6Diax12          12.2         28.28            1         1         1         12.2         28.28            1         1         1         1         1            1         1         1         1         1            1         1         1         1         1            1         1         1         1         1            1         1         1         1         1         1            1         1         1         1         1         1            1         1         1         1         1         1            1</td><td>Mark*         <math>Casting Date*</math>         Size         Wet Weight (Kg/ gms)         Dry Weight (Sq. in)         Area of Load (Imp. Tons)            26         8         2024         6Diax12          13.6         28.28         52            26         8         2024         6Diax12          12.2         28.28         51            26         8         2024         6Diax12          12.2         28.28         51  <td>Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section (Imp. Tons)         Ultimate Stress (psi)            26         8         2024         6Diax12          13.6         28.28         52         4119            26         8         2024         6Diax12          12.2         28.28         51         4040             12.2         28.28         51         4040                                  12.2         28.28         51         4040                                      </td><td>Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of K-Section (Imp.Tons)         Ultimate Stress (rpsi)         Water Absorpti on (%)            26         8         2024         6Diax12          13.6         28.28         52         4119             26         8         2024         6Diax12          13.6         28.28         52         4119             12.2         28.28         51         4040  </td></td></td<></td></td></t<></tr>	Mark*         Casting           DD         MM            26         8            26         8            26         8            26         8            26         8            26         8            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1 <td>Mark*         Casting Date*           DD         MM YYYY            26         8         2024            26         8         2024            26         8         2024            26         8         2024            26         8         2024            26         8         2024            26         8         2024            26         8         2024            26         8         2024            56         8         2024            57         57         57            57         57         57            57         57         57            57         57         57            57         57         57            57         57         57            57         57         57            57         57         57            57         57</td> <td>Mark*         Casting Date*         Size           DD         MM         YYY         (in)            26         8         2024         6Diax12  </td> <td>Mark*         Casting Date*         Size         Wet Weight           DD         MM YYYY         (in)         (Kg/gms)            26         8         2024         6Diax12             26         8         2024         6Diax12             26         8         2024         6Diax12             26         8         2024         6Diax12  -</td> <td>Mark*         Casting Date*         Size         Wet Weight         Dry Weight           DD         MM YYYY         (in)         (Kg/gms)         (Kg/gms)            26         8         2024         6Diax12          13.6            26         8         2024         6Diax12          12.2            26         8         2024         6Diax12          12.2                12.2                12.2   <td< td=""><td>Mark*         Casting Date*         Size         Wet Weight Weight (Kg/gms)         Area of X-Section (Kg/gms)            26         8         2024         6Diax12          13.6         28.28            26         8         2024         6Diax12          12.2         28.28            26         8         2024         6Diax12          12.2         28.28            1         1         1         12.2         28.28            1         1         1         1         1            1         1         1         1         1            1         1         1         1         1            1         1         1         1         1            1         1         1         1         1         1            1         1         1         1         1         1            1         1         1         1         1         1            1</td><td>Mark*         <math>Casting Date*</math>         Size         Wet Weight (Kg/ gms)         Dry Weight (Sq. in)         Area of Load (Imp. Tons)            26         8         2024         6Diax12          13.6         28.28         52            26         8         2024         6Diax12          12.2         28.28         51            26         8         2024         6Diax12          12.2         28.28         51  <td>Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section (Imp. Tons)         Ultimate Stress (psi)            26         8         2024         6Diax12          13.6         28.28         52         4119            26         8         2024         6Diax12          12.2         28.28         51         4040             12.2         28.28         51         4040                                  12.2         28.28         51         4040                                      </td><td>Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of K-Section (Imp.Tons)         Ultimate Stress (rpsi)         Water Absorpti on (%)            26         8         2024         6Diax12          13.6         28.28         52         4119             26         8         2024         6Diax12          13.6         28.28         52         4119             12.2         28.28         51         4040  </td></td></td<></td>	Mark*         Casting Date*           DD         MM YYYY            26         8         2024            26         8         2024            26         8         2024            26         8         2024            26         8         2024            26         8         2024            26         8         2024            26         8         2024            26         8         2024            56         8         2024            57         57         57            57         57         57            57         57         57            57         57         57            57         57         57            57         57         57            57         57         57            57         57         57            57         57	Mark*         Casting Date*         Size           DD         MM         YYY         (in)            26         8         2024         6Diax12	Mark*         Casting Date*         Size         Wet Weight           DD         MM YYYY         (in)         (Kg/gms)            26         8         2024         6Diax12             26         8         2024         6Diax12             26         8         2024         6Diax12             26         8         2024         6Diax12  -	Mark*         Casting Date*         Size         Wet Weight         Dry Weight           DD         MM YYYY         (in)         (Kg/gms)         (Kg/gms)            26         8         2024         6Diax12          13.6            26         8         2024         6Diax12          12.2            26         8         2024         6Diax12          12.2                12.2                12.2 <td< td=""><td>Mark*         Casting Date*         Size         Wet Weight Weight (Kg/gms)         Area of X-Section (Kg/gms)            26         8         2024         6Diax12          13.6         28.28            26         8         2024         6Diax12          12.2         28.28            26         8         2024         6Diax12          12.2         28.28            1         1         1         12.2         28.28            1         1         1         1         1            1         1         1         1         1            1         1         1         1         1            1         1         1         1         1            1         1         1         1         1         1            1         1         1         1         1         1            1         1         1         1         1         1            1</td><td>Mark*         <math>Casting Date*</math>         Size         Wet Weight (Kg/ gms)         Dry Weight (Sq. in)         Area of Load (Imp. Tons)            26         8         2024         6Diax12          13.6         28.28         52            26         8         2024         6Diax12          12.2         28.28         51            26         8         2024         6Diax12          12.2         28.28         51  <td>Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section (Imp. Tons)         Ultimate Stress (psi)            26         8         2024         6Diax12          13.6         28.28         52         4119            26         8         2024         6Diax12          12.2         28.28         51         4040             12.2         28.28         51         4040                                  12.2         28.28         51         4040                                      </td><td>Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of K-Section (Imp.Tons)         Ultimate Stress (rpsi)         Water Absorpti on (%)            26         8         2024         6Diax12          13.6         28.28         52         4119             26         8         2024         6Diax12          13.6         28.28         52         4119             12.2         28.28         51         4040  </td></td></td<>	Mark*         Casting Date*         Size         Wet Weight Weight (Kg/gms)         Area of X-Section (Kg/gms)            26         8         2024         6Diax12          13.6         28.28            26         8         2024         6Diax12          12.2         28.28            26         8         2024         6Diax12          12.2         28.28            1         1         1         12.2         28.28            1         1         1         1         1            1         1         1         1         1            1         1         1         1         1            1         1         1         1         1            1         1         1         1         1         1            1         1         1         1         1         1            1         1         1         1         1         1            1	Mark* $Casting Date*$ Size         Wet Weight (Kg/ gms)         Dry Weight (Sq. in)         Area of Load (Imp. Tons)            26         8         2024         6Diax12          13.6         28.28         52            26         8         2024         6Diax12          12.2         28.28         51            26         8         2024         6Diax12          12.2         28.28         51 <td>Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section (Imp. Tons)         Ultimate Stress (psi)            26         8         2024         6Diax12          13.6         28.28         52         4119            26         8         2024         6Diax12          12.2         28.28         51         4040             12.2         28.28         51         4040                                  12.2         28.28         51         4040                                      </td> <td>Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of K-Section (Imp.Tons)         Ultimate Stress (rpsi)         Water Absorpti on (%)            26         8         2024         6Diax12          13.6         28.28         52         4119             26         8         2024         6Diax12          13.6         28.28         52         4119             12.2         28.28         51         4040  </td>	Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section (Imp. Tons)         Ultimate Stress (psi)            26         8         2024         6Diax12          13.6         28.28         52         4119            26         8         2024         6Diax12          12.2         28.28         51         4040             12.2         28.28         51         4040                                  12.2         28.28         51         4040	Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of K-Section (Imp.Tons)         Ultimate Stress (rpsi)         Water Absorpti on (%)            26         8         2024         6Diax12          13.6         28.28         52         4119             26         8         2024         6Diax12          13.6         28.28         52         4119             12.2         28.28         51         4040
Mark*         Casting           DD         MM            26         8            26         8            26         8            26         8            26         8            26         8            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1            1         1 <td>Mark*         Casting Date*           DD         MM YYYY            26         8         2024            26         8         2024            26         8         2024            26         8         2024            26         8         2024            26         8         2024            26         8         2024            26         8         2024            26         8         2024            56         8         2024            57         57         57            57         57         57            57         57         57            57         57         57            57         57         57            57         57         57            57         57         57            57         57         57            57         57</td> <td>Mark*         Casting Date*         Size           DD         MM         YYY         (in)            26         8         2024         6Diax12  </td> <td>Mark*         Casting Date*         Size         Wet Weight           DD         MM YYYY         (in)         (Kg/gms)            26         8         2024         6Diax12             26         8         2024         6Diax12             26         8         2024         6Diax12             26         8         2024         6Diax12  -</td> <td>Mark*         Casting Date*         Size         Wet Weight         Dry Weight           DD         MM YYYY         (in)         (Kg/gms)         (Kg/gms)            26         8         2024         6Diax12          13.6            26         8         2024         6Diax12          12.2            26         8         2024         6Diax12          12.2                12.2                12.2   <td< td=""><td>Mark*         Casting Date*         Size         Wet Weight Weight (Kg/gms)         Area of X-Section (Kg/gms)            26         8         2024         6Diax12          13.6         28.28            26         8         2024         6Diax12          12.2         28.28            26         8         2024         6Diax12          12.2         28.28            1         1         1         12.2         28.28            1         1         1         1         1            1         1         1         1         1            1         1         1         1         1            1         1         1         1         1            1         1         1         1         1         1            1         1         1         1         1         1            1         1         1         1         1         1            1</td><td>Mark*         <math>Casting Date*</math>         Size         Wet Weight (Kg/ gms)         Dry Weight (Sq. in)         Area of Load (Imp. Tons)            26         8         2024         6Diax12          13.6         28.28         52            26         8         2024         6Diax12          12.2         28.28         51            26         8         2024         6Diax12          12.2         28.28         51  <td>Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section (Imp. Tons)         Ultimate Stress (psi)            26         8         2024         6Diax12          13.6         28.28         52         4119            26         8         2024         6Diax12          12.2         28.28         51         4040             12.2         28.28         51         4040                                  12.2         28.28         51         4040                                      </td><td>Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of K-Section (Imp.Tons)         Ultimate Stress (rpsi)         Water Absorpti on (%)            26         8         2024         6Diax12          13.6         28.28         52         4119             26         8         2024         6Diax12          13.6         28.28         52         4119             12.2         28.28         51         4040  </td></td></td<></td>	Mark*         Casting Date*           DD         MM YYYY            26         8         2024            26         8         2024            26         8         2024            26         8         2024            26         8         2024            26         8         2024            26         8         2024            26         8         2024            26         8         2024            56         8         2024            57         57         57            57         57         57            57         57         57            57         57         57            57         57         57            57         57         57            57         57         57            57         57         57            57         57	Mark*         Casting Date*         Size           DD         MM         YYY         (in)            26         8         2024         6Diax12	Mark*         Casting Date*         Size         Wet Weight           DD         MM YYYY         (in)         (Kg/gms)            26         8         2024         6Diax12             26         8         2024         6Diax12             26         8         2024         6Diax12             26         8         2024         6Diax12  -	Mark*         Casting Date*         Size         Wet Weight         Dry Weight           DD         MM YYYY         (in)         (Kg/gms)         (Kg/gms)            26         8         2024         6Diax12          13.6            26         8         2024         6Diax12          12.2            26         8         2024         6Diax12          12.2                12.2                12.2 <td< td=""><td>Mark*         Casting Date*         Size         Wet Weight Weight (Kg/gms)         Area of X-Section (Kg/gms)            26         8         2024         6Diax12          13.6         28.28            26         8         2024         6Diax12          12.2         28.28            26         8         2024         6Diax12          12.2         28.28            1         1         1         12.2         28.28            1         1         1         1         1            1         1         1         1         1            1         1         1         1         1            1         1         1         1         1            1         1         1         1         1         1            1         1         1         1         1         1            1         1         1         1         1         1            1</td><td>Mark*         <math>Casting Date*</math>         Size         Wet Weight (Kg/ gms)         Dry Weight (Sq. in)         Area of Load (Imp. Tons)            26         8         2024         6Diax12          13.6         28.28         52            26         8         2024         6Diax12          12.2         28.28         51            26         8         2024         6Diax12          12.2         28.28         51  <td>Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section (Imp. Tons)         Ultimate Stress (psi)            26         8         2024         6Diax12          13.6         28.28         52         4119            26         8         2024         6Diax12          12.2         28.28         51         4040             12.2         28.28         51         4040                                  12.2         28.28         51         4040                                      </td><td>Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of K-Section (Imp.Tons)         Ultimate Stress (rpsi)         Water Absorpti on (%)            26         8         2024         6Diax12          13.6         28.28         52         4119             26         8         2024         6Diax12          13.6         28.28         52         4119             12.2         28.28         51         4040  </td></td></td<>	Mark*         Casting Date*         Size         Wet Weight Weight (Kg/gms)         Area of X-Section (Kg/gms)            26         8         2024         6Diax12          13.6         28.28            26         8         2024         6Diax12          12.2         28.28            26         8         2024         6Diax12          12.2         28.28            1         1         1         12.2         28.28            1         1         1         1         1            1         1         1         1         1            1         1         1         1         1            1         1         1         1         1            1         1         1         1         1         1            1         1         1         1         1         1            1         1         1         1         1         1            1	Mark* $Casting Date*$ Size         Wet Weight (Kg/ gms)         Dry Weight (Sq. in)         Area of Load (Imp. Tons)            26         8         2024         6Diax12          13.6         28.28         52            26         8         2024         6Diax12          12.2         28.28         51            26         8         2024         6Diax12          12.2         28.28         51 <td>Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section (Imp. Tons)         Ultimate Stress (psi)            26         8         2024         6Diax12          13.6         28.28         52         4119            26         8         2024         6Diax12          12.2         28.28         51         4040             12.2         28.28         51         4040                                  12.2         28.28         51         4040                                      </td> <td>Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of K-Section (Imp.Tons)         Ultimate Stress (rpsi)         Water Absorpti on (%)            26         8         2024         6Diax12          13.6         28.28         52         4119             26         8         2024         6Diax12          13.6         28.28         52         4119             12.2         28.28         51         4040  </td>	Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section (Imp. Tons)         Ultimate Stress (psi)            26         8         2024         6Diax12          13.6         28.28         52         4119            26         8         2024         6Diax12          12.2         28.28         51         4040             12.2         28.28         51         4040                                  12.2         28.28         51         4040	Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of K-Section (Imp.Tons)         Ultimate Stress (rpsi)         Water Absorpti on (%)            26         8         2024         6Diax12          13.6         28.28         52         4119             26         8         2024         6Diax12          13.6         28.28         52         4119             12.2         28.28         51         4040			

#### 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 comprensive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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.



**Civil Engineering Department** 

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.

> 8015 Dr. Aqsa

To: Mr. M. Hassan

Project Director, Al-Hayat Residencia Safari Zoo Road Off Raiwind Road, Lahore.

Project: Al-Hayat Residencia Safari Zoo Road			
Our Ref. No. CL/CED/ 6234	Dated:	23-10-24	Test Specification
Your Ref. No. Nil	Dated:	12-09-24	(ASTM C39)

## COMPRESSION TEST REPORT



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

Specim	ens received on:	15	5/10/2	2024	Tested on:	22-1	0-24	in dry/wet	condition			iester
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	4500 Psi	5	8	2024	6Diax12		13	28.28	53	4198		Non Engraved
2	4500 Psi	5	8	2024	6Diax12		13.6	28.28	46	3644		Non Engraved
3												
4												
5					<	THE	RING					
6					- ).	KEAU N	2071	<u> </u>				
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Witness	sed by:											

#### 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

Note: Above results pertain to the unsealed samples supplied to the laboratory

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.



**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 <u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

> 8015 Dr. Aqsa

### To: Mr. M. Hassan

Project Director, Al-Hayat Residencia Safari Zoo Road Off Raiwind Road, Lahore.

Project: Al-Hayat Residencia Safari Zoo Road			
Our Ref. No. CL/CED/ 6235	Dated:	23-10-24	Test Specification
Your Ref. No. Nil	Dated:	12-09-24	(ASTM C39)

## **COMPRESSION TEST REPORT**



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

Specim	ens received on:	15	5/10/2	2024	Tested on:	22-1	10-24	in dry/wet condition			Ü	jester j
Sr. No.	Mark*	Cas DD	-	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	4500 Psi	8	8	2024	6Diax12		14	28.28	83	6574		Engraved
2	4500 Psi	8	8	2024	6Diax12		13.4	28.28	84	6653		Engraved
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4						/						
5					-	NHNE	RING			-	-	
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16												
Witness	ed by:											

#### 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

Note: Above results pertain to the unsealed samples supplied to the laboratory

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.

Supervisor (Lab)



**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 <u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

8075 Dr. M. Burhan

### To: Mr. Tariq Fateh

Project Manager, Jilani Poly-2 Construction. (Jilani Poly Industries Pvt. Ltd)

Project: Construction of Jilani Poly-2 5 Acre Extension Sheikhupura.

Our Ref. No. CL/CED/ 6236	Dated:	23-10-24	Test Specification
Your Ref. No. JP-2/UET/2024/C-002	Dated:	23-10-24	( )

## **COMPRESSION TEST REPORT**



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

Specim	ens received on:	2	3-10·	-24	Tested on:	23-1	0-24	in dry/wet condition			Ë	j2238295
Sr. No.	Mark*	Cas	Casting Date*		Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Uni-Block, Grey, 60mm (6),5000 Psi				2.3 thick		3270	37.39	95	5691		
2	Uni-Block, Grey, 60mm (7),5000 Psi				2.3 thick		3515	37.39	99	5931		
3	Uni-Block, Grey, 60mm (8),5000 Psi				2.3 thick		3380	37.39	91	5452		
4	Uni-Block, Grey, 60mm (9),5000 Psi				2.3 thick		3435	37.39	129	7728		
5	Uni-Block, Grey, 60mm (10),5000 Psi				2.3 thick	THE	3345	37.39	117	7009		
6					- ).	READIN	2007	<u> </u>				
7						OF THY 	زیک اندگی خلق ر	£				
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11			-									
12												
13			-							-	-	
14												
15												
16												
Witness	sed by: Client JP-2	Mr. N	/I. Ja	vaid, C	NIC 33201-707	6007-9						

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 compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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

8018 Dr. Aqsa

To: **Assistant Resident Engineer** 

16 City of Project, Package # I (Jhelum), PUNJAB CITIES PROGRAM. MM Pakistan (Pvt) Ltd.

Project: Punjab Cities Program, Detailed Design of Infrastructure Sub-Projects, Sectoral Planning & Resident Supervision in 16 Cities of Punjab Our Ref. No. CL/CED/ 6237-1 of 2 Dated: 23/10/2024 **Test Specification** Dated: 09-10-24

Your Ref. No. ARE/JHE-AP/MC-63

# COMPRESSION TEST REPORT



(----)

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

Specim	ens received on:	15	5/10/2	2024	Tested on:	22-1	0-24	in dry/wet condition			Ü	12238896
Sr. No.	Mark*	Casting Date*		Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	I-Section, Grey, 60 mm				2.4 thick		4020	42.12	140	7445		
2	I-Section, Grey, 60 mm				2.4 thick		4035	42.12	121	6435		
3	I-Section, Red, 60 mm				2.4 thick		4060	42.12	132	7020		
4	I-Section, Red, 60 mm				2.4 thick		3965	42.12	120	6382		
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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 comprensive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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

8018 Dr. Aqsa

To: **Assistant Resident Engineer** 

16 City of Project, Package # I (Jhelum), PUNJAB CITIES PROGRAM. MM Pakistan (Pvt) Ltd. Project: Punjab Cities Program, Detailed Design of Infrastructure Sub-Projects, Sectoral Planning & Resident Supervision in 16 Cities of Punjab Our Ref. No. CL/CED/ 6237-2 of 2 Dated: 23/10/2024

Dated:

09-10-24

Your Ref. No. ARE/JHE-AP/MC-63

# COMPRESSION TEST REPORT



**Test Specification** 

(----)

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

Specim	ens received on:	15	5/10/2	2024	Tested on:	22-1	0-24	in dry/wet condition				
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Kerb Stone				6 x 6 x 5.5		7.8	36	65	4044		Cut Cube
2	Kerb Stone				6 x 6 x 5.5		8	36	43	2676		Cut Cube
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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.