

**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.

7842 Engr. A. Rehman

To: Mr. Muhammad Arfan Asif

Engineer's Representative, NESPAK (Pvt) Ltd & TurkPak (Pvt) Ltd

Project: Construction of Green Building for EMC, EPD and ALLIED' New Entities Established under PGDP (DLI-2, PGDP) Lahore. Our Ref. No. CL/CED/ 5927 Dated: 19/9/2024 Your Ref. No. 4731/MAA/04/96 Dated: 19/9/2024

## COMPRESSION TEST REPORT



Test Specification

(ASTM C39)

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

Specim	ens received on:	19	9/9/2	024	Tested on:	19/9	/2024	in dry/wet	t condition		[	o cratheol
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti on (%)	Remarks
		עט		YYYY	(in)	(Kg/gms)	(Kg/ gms)	(Sq. in)	(Imp. I ons)	(psi)	. ,	
1	1st Floor Slab	22	8	2024	6Diax12		14.2	28.28	82	6495		Non Engraved
2	1st Floor Slab	22	8	2024	6Diax12		14.6	28.28	80	6337		Non Engraved
3	1st Floor Slab	22	8	2024	6Diax12		14	28.28	74	5861		Non Engraved
4												
5					<	THE	RING					
6					>	READIN	2071	<b>_</b>				
7						OF THY UCRD WHO CREATES	ریجب اندکی خلق ر	I FCH				
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11												
12												
13												
14												
15												
16												
Witness	Witnessed 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.

Supervisor (Lab)



## **Plain and Reinforced Concrete Laboratory**

**Civil Engineering Department** 

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

7837 Dr. Aqsa

To:	Engr. Haseeb Afzal												
	Project Manager, HMB Developers Pvt. Ltd												
	Project: Commercial Tower, Finance Trade Centre Lahore (6th Floor Columns A-G/1, 2, 4 Pick up Columns G, F, E, C/4' B'/4)												
	Our Ref. No. CL/CED/ 5928	Dated:	19/9/2024	Test Specification									
	Your Ref. No. HMBDPL/S.O/09/24/132 (LHR)	Dated:	19/9/2024	(ASTM C39)									

## COMPRESSION TEST REPORT



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

Specimens received on:		1	19/9/2024		Tested on:	19/9	/2024	in dry/wet condition				
Sr. No.	Mark*	Cas DD	asting 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	5000 Psi (CT-138)	19	8	2024	6Diax12		13.6	28.28	68	5386		Non Engraved
2	5000 Psi (CT-138)	19	8	2024	6Diax12		13	28.28	68	5386		Non Engraved
3	5000 Psi (CT-138)	19	8	2024	6Diax12		13.4	28.28	72	5703		Non Engraved
4												
5					<	NETNE	RING					
6					- >	READ IN	2071	<u> </u>				
7						OF THY CREATES	رچې ا اند کې خلق ر	<b>1</b>				
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16												
Witnessed by: Engr. Haseeb Afzal; CNIC 34101-9592859-3												

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7837 Dr. Aqsa

### To: Engr. Haseeb Afzal

Project Manager, HMB Developers Pvt. Ltd

Project: Commercial Tower, Finance Trade Centre Lahore (6th Floor Shear Wall F'-G'/1-3)

Our Ref. No. CL	'CED/ 5929	Dated:	19/9/2024	Test Specification
Your Ref. No.	HMBDPL/S.O/09/24/133 (LHR)	Dated:	19/9/2024	(ASTM C39)

### **COMPRESSION TEST REPORT**



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

Specim	ens received on:	19	9/9/2	024	Tested on:	19/9	/2024	in dry/we	t condition		0	10.000 M
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kq/ qms)	Dry Weight (Kq/ qms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	5000 Psi (CT-139)	20	8	2024	6Diax12		14	28.28	79	6257		Non Engraved
2	5000 Psi (CT-139)	20	8	2024	6Diax12		14	28.28	83	6574		Non Engraved
3	5000 Psi (CT-139)	20	8	2024	6Diax12		14	28.28	68	5386		Non Engraved
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6					- )	READ IN	207	<u> </u>				
7						OF THY LORD WHO OREATES	زیک ان کی طکن ر	2				
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9						20-		₹				
10					<	-LA	IORE.					
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14												
15												
16												
Witnessed by: Engr. Haseeb Afzal; CNIC 34101-9592859-3												

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7802 Dr. Aqsa

To: Mr. Azhar Afrooz

Site Engineer, Wasif Ali & Associates

Project: Construction of Fatima Memorial Hospital Tower

Our Ref. No. CL/C	ED/ 5930	Dated:	19/9/2024	Test Specification
Your Ref. No.	SR# 0039	Dated:	03-09-24	(ASTM C39)

7

## **COMPRESSION TEST REPORT**



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

Specimo	ens received on:	1	2/9/2	024	Tested on:	19/9	/2024	in dry/we	condition			o crimento de la crim
Sr. No.	Mark*	Cas	sting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	(4000 Psi)	29	8	2024	6Diax12		13	28.28	53	4198		Engraved
2	(4000 Psi)	29	8	2024	6Diax12		13	28.28	65	5149		Engraved
3	(3500 Psi)	29	8	2024	6Diax12		14	28.28	52	4119		Engraved
4	(3500 Psi)	29	8	2024	6Diax12		13	28.28	50	3960		Engraved
5						NEINE	RING					
6					>	READ IN	2000	<b>_</b>				
7						OF THY GRAD WHC CREATES	زیجب الد فی خلق ر					
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12										-	-	
13										-	-	
14												
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16												
14/24												

#### Witnessed by:

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7832 Dr. Aqsa

To: Mr. Ghulam Fareed Material Engineer, STRONG READY MIX

Project: IQRA MEDICAL COMPLEX										
Our Ref. No. CL/CED/ 5931	Dated:	19/9/2024	Test Specification							
Your Ref. No. Nil	Dated:	18/9/2024	(ASTM C39)							

## **COMPRESSION TEST REPORT**

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

Specimens received on:		18/9/2024		024	Tested on:	19/9/2024		in dry/wet condition				
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		סט		TTTT	(in)	(rkg/ gms)	(Kg/ gms)	(Sq. III)	(imp.ions)	(psi)	. ,	
1	3000 Psi (Slab)	7	9	2024	6Diax12		13.4	28.28	50	3960		Non Engraved
2	3000 Psi (Slab)	7	9	2024	6Diax12		13	28.28	54	4277		Non Engraved
3	3000 Psi (Slab)	7	9	2024	6Diax12		14	28.28	47	3723		Non Engraved
4												
5						THINE	RING					
6					>	READ IN	2071	<b>_</b>				
7						OF THY BORD WHO OREATES	ز <del>ی</del> ک اند کی خلق ر	133				
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16												

#### Witnessed by:

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7766 Dr. Aqsa

To: Lt Colonel M Asif (R) Site Administrator, Bismillah Developers, BHS-2

Project: Masjid Ground Floor Slab										
Our Ref. No. CL/C	ED/ 5932	Dated:	19/9/2024	Test Specification						
Your Ref. No.	Nil	Dated:	Nil	(ASTM C39)						

## **COMPRESSION TEST REPORT**

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



Witnessed by:

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

> 7811 Dr. Aqsa

To: Engr. Hassan Mahmood

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd

Project: Construction of DHA NEWLIFE RESIDENCIA APARTMENTS AT 273/1 Q Block Phase-II, DHA, Lahore.

Our Ref. No. CL/	CED/ 5933	Dated:	19/9/2024	Test Specification
Your Ref. No.	G3/DHA/NLD/RE/261	Dated:	12-09-24	(ASTM C39)

## COMPRESSION TEST REPORT





13/9/2024 Tested on: Specimens received on: 19/9/2024 in dry/wet condition

Sr. No.	Sr. No. Mark*		Casting Date*		Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	мм	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Pouring of Col. of Block-B (5000 Psi)	18	7	2024	6Diax12		13.4	28.28	51	4040		Engraved
2	Pouring of Col. of Block-B (5000 Psi)	18	7	2024	6Diax12		13	28.28	44	3485		Engraved
3	Pouring of Col. of Block-B (5000 Psi)	18	7	2024	6Diax12		13.8	28.28	47	3723		Engraved
4												
5						NEINE	RING					
6					- )	READ IN	2071	<u> </u>				
7						OF THY GRAD WHC CREATES	زیجب الد فی خلق ر	133				
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Witnessed by:												

#### witnessea by:

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

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> 7833 Dr. Aqsa

#### To: Mr. Farrukh Jamal

Projects Manager, UNICON Consulting Services, Gulberg, Lahore

Project: Construction of Bank of Punjab Building at C-Block, Model Town Lahore.

Our Ref. No. CL/CED/ 5934	Dated:	19/9/2024	Test Specification
Your Ref. No. Nil	Dated:	11-09-24	(ASTM C39)

7

### COMPRESSION TEST REPORT



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

Specim	ens received on:	1	8/9/2	024	Tested on:	19/9	/2024	in dry/we	t condition		Ū	i Cristiana (Cristiana)
Sr. No.	Mark*	Cas DD	ting MM	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	Column	11	8	2024	6Diax12		13.4	28.28	59	4673		Non Engraved
2	Column	11	8	2024	6Diax12		13.4	28.28	45	3564		Non Engraved
3	Column	11	8	2024	6Diax12		13.8	28.28	53	4198		Non Engraved
4												
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6					>	READIN	2071					
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14												
15												
16												

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To: Captain (R) Ali Abbas Hashmi Project Manager, 7 Canal Developers

**Project: 7 Canal Residential Apartment Buildings** 

Our Ref. No. CL/C	ED/ 5935	Dated:	19/9/2024	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:	1	3/9/2	024	Tested on:	19/9	/2024	in dry/wet condition				
Sr. No.	Mark*	Cas DD	ting MM	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		6	9	2024	6Diax12		13.4	28.28	47	3723		Non Engraved
2		6	9	2024	6Diax12		15.6	28.28	55	4356		Non Engraved
3		6	9	2024	6Diax12		15.4	28.28	54	4277		Non Engraved
4												
5						WHINE	RIA S					
6						READ N	207					
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13												
14												
15												
16												

Witnessed by: Mr. Shabbir Hussain

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

> 7808 Dr. Aqsa



**Civil Engineering Department** 

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

7813 Dr. Aqsa

#### To: Admin Manager RF CONSTRUCTION

Project: 24, Block Q, Shah Alam Road, Johar Town, Lahore

 Our Ref. No. CL/CED/
 5936
 Dated:
 19/9/2024
 Test Specification

 Your Ref. No.
 297/09/24/By Hand
 Dated:
 16/9/2024
 (ASTM C39)

## **COMPRESSION TEST REPORT**



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

Specim	ens received on:	1	6/9/2	024	Tested on:	19/9	/2024	in dry/wet	t condition		0	i Cradina di
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	•(///	
1	3000 Psi	7	9	2024	6Diax12		13.4	28.28	39	3089		Engraved
2	3000 Psi	7	9	2024	6Diax12		13.4	28.28	21	1663		Engraved
3												
4												
5						NHNE	RING					
6					>	READ IN	2071					
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11												
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16												
Witness	ad by: CNIC # 352	01 26	:0970	25.1								

Witnessed by: CNIC # 35201-3508795-1

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

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Supervisor (Lab)



**Civil Engineering Department** 

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7813 Dr. Aqsa

#### To: Admin Manager RF CONSTRUCTION

Project: 24, Block Q, Shah Alam Road, Johar Town, Lahore

Our Ref. No. CL/CED/ 5937

Your Ref. No. 296/09/24/By Hand

## **COMPRESSION TEST REPORT**



Test Specification

(ASTM C39)

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

Specim	ens received on:	1	6/9/2	024	Tested on:	19/9	/2024	in dry/we	t condition		Ū	i Cristiana (Cristiana)
Sr. No.	Mark*	Cas	ting MM	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sg. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	4500 Psi	18	8	2024	6Diax12		13.6	28.28	56	4436		Engraved
	4500 P 31	10	•	2024			10.0			4400		
2	4500 PSI	18	8	2024	6Diax12		14	28.28	59	4673		Engraved
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Witnessed by: CNIC 35201-3508795-1

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.