

#### To: Mr. Saeed Ahmad Khan

Sub Divisional Officer, Gulshan-e-Ravi Sub Division, WASA, LDA, Lahore.

Project:TENDER NO. XEN (O&M-I) GBT/2022-2023/55/4460-65. Date	ed:-21-12-2022 LAY	ING OF SEWER LINE
FROM MAIN BOULEVARD GULSHAN-E-RAVI TO NOONARIAN CHO	OWK & LINKS STR	EETS IN UC-78 LHR.
Our Ref. No. CL/CED/ 6158-2 of 2	Dated:	16-10-24
Your Ref. No. GR/SD/971	Dated:	04-05-24

#### Your Ref. No. GR/SD/971

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	0	9-10	-24	Tested on:	16-1	0-24	in dry/wet	condition			
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		21	5	2024	6 x 6 x 6		8.2	36	70	4356		Non Engraved
2		21	5	2024	6 x 6 x 6		8.2	36	58	3609		Non Engraved
3		21	5	2024	6 x 6 x 6		9	36	91	5662		Non Engraved
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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 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.

### **Director/Dy. Director Concrete Laboratory**

**Test Specification** (BS 1881-116)



## **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.

> 7969 Dr. Aqsa

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/ 6166	Dated:	16-10-24	Test Specification
Your Ref. No.	24/HAC/NASTP/1291	Dated:	03-10-24	(ASTM C39)

## COMPRESSION TEST REPORT



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

Specim	ens received on:	0	9-10	-24	Tested on:	15/10	0/2024	in dry/wet condition			Ċ	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 Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Delta #10	6	9	2024	6Diax12		13.2	28.28	36	2851		Non Engraved
2	Delta #10	6	9	2024	6Diax12		13	28.28	20	1584		Non Engraved
3	Delta #10	6	9	2024	6Diax12		13.4	28.28	44	3485		Non Engraved
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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

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

> 7969 Dr. Aqsa

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/ 6167	Dated:	16-10-24	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:	0	9-10	-24	Tested on:	15/10	)/2024	in dry/wet condition				jester
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	Delta #10	9	9	2024	6Diax12		14	28.28	51	4040		Non Engraved
2	Delta #10	9	9	2024	6Diax12		13.2	28.28	51	4040		Non Engraved
3	Delta #10	9	9	2024	6Diax12		13.6	28.28	60	4752		Non Engraved
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Witness	sed by:											

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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.

> 7970 Dr. Aqsa

#### To: Mr. Maqsood Ahmad

Quantity Surveyor, Professional Construction Services (Pvt) Ltd.

Project: Allied Bank Limited Sheikh Cotton Colony Branch, Vehari (1051) & Regional Office, Vehari.

Our Ref. No. CL	/CED/ 6168	Dated:	16-10-24	Test Specification
Your Ref. No.	PCS/24/Eng-75	Dated:	08-10-24	(ASTM C39)

### COMPRESSION TEST REPORT



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

Specimens received on:				09-10-24 Tes		15/10/2024		in dry/wet condition			[	jeskeg
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	1st Floor Slab	26	9	2024	6Diax12		12.6	28.28	66	5228		Non Engraved
2	1st Floor Slab	26	9	2024	6Diax12		13	28.28	58	4594		Non Engraved
3	1st Floor Slab	26	9	2024	6Diax12		12.6	28.28	57	4515		Non Engraved
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Supervisor (Lab)



**Civil Engineering Department** 

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

7989 Dr. Aqsa

To: Mr. Ali Zahid Latif

Resident Engineer, NESPAK-TURKPAK JV

Project: Reconstruction of Old P&D Building, Lahore

Our Ref. No. CL/CED/ 6169

Your Ref. No. 4674/P&D/13/09/AZL/51

## COMPRESSION TEST REPORT



Test Specification

(ASTM C39)

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

Specime	ens received on:	1	1-10	-24	Tested on:	15-1	0-24	in dry/wet	condition		[	it die 6
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	'C'' (4000 Psi)	24	8	2024	6Diax12		14.2	28.28	58	4594		Non Engraved
2	'C'' (4000 Psi)	24	8	2024	6Diax12		14.6	28.28	83	6574		Non Engraved
3	'C'' (4000 Psi)	24	8	2024	6Diax12		14.4	28.28	52	4119		Non Engraved
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Dated:

Dated:

16-10-24

18/9/2024

### Witnessed 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

7989 Dr. Aqsa

### To: Mr. Ali Zahid Latif

Resident Engineer, NESPAK-TURKPAK JV

Project: Reconstruction of Old P&D Building, Lahore

Our Ref. No. CL/CED/ 6170

Your Ref. No. 4674/P&D/13/09/AZL/52

## **COMPRESSION TEST REPORT**



Test Specification

(ASTM C39)

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

Specimo	ens received on:	1	1-10	-24	Tested on:	15/10	)/2024	in dry/wet condition				jesneg	
Sr. No.	Mark*	Casting Date*				Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)		Water Absorpti on (%)	Remarks
1	'B'' (5000 Psi)	27	8	2024	6Diax12		14	28.28	79	6257		Non Engraved	
2	'B'' (5000 Psi)	27	8	2024	6Diax12		14.8	28.28	90	7129		Non Engraved	
3	'B'' (5000 Psi)	27	8	2024	6Diax12		14.4	28.28	84	6653		Non Engraved	
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Dated:

Dated:

16-10-24

19/9/2024

#### Witnessed by:

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**Civil Engineering Department** 

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

8007 Dr. M. Yousaf

#### To: Mr. Ali Raza

Project Engineer, NETRACON Technologies (Pvt) Ltd.

Project: 132LV GIS Grid Station DHA Prism Phase-IX Sector F, DHA Lahore

Our Ref. No. CL/CED/ 6171	Dated:	16/10/2024	Test Specification
Your Ref. No. NTT-HO/DHA-P/003	Dated:	09-10-24	(ASTM C39)

### **COMPRESSION TEST REPORT**



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

Specim	ens received on:	14	/10/2	2024	Tested on:	16/10	/2024	in dry/wet condition				jester
Sr. No.	Mark*		•	Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
	GIS HALL	DD	1	YYYY	(in)	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)		- (,	
1	(4000 Psi)	10	9	2024	6Diax12		13.2	28.28	64	5069		Non Engraved
2	GIS HALL (4000 Psi)	10	9	2024	6Diax12		13	28.28	55	4356		Non Engraved
3	GIS HALL (4000 Psi)	10	9	2024	6Diax12		14	28.28	60	4752		Non Engraved
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Witness	sed by:											

#### witnessed by:

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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.

8007 Dr. M. Yousaf

### To: Mr. Ali Raza

Project Engineer, NETRACON Technologies (Pvt) Ltd

Project: 132KV GIS Grid Station DHA Prism Phase-IX Sector F, DHA Lahore

Our Ref. No. CL/CED	0/ 6172	Dated:	16/10/2024	Test Specification
Your Ref. No.	ITT-HO/DHA-P/002	Dated:	09-10-24	(ASTM C39)

### **COMPRESSION TEST REPORT**



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

Specim	ens received on:	14	/10/2	2024	Tested on:	16/10	)/2024	in dry/we	t condition		Ü	je sterij
Sr. No.	Mark*	Cas	-	Date*	Size (in)	Wet Weight (Kq/ qms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(3000 Psi)	25	9	2024	6Diax12		13.2	28.28	40	3168		Non Engraved
2	(3000 Psi)	25	9	2024	6Diax12		13.2	28.28	65	5149		Non Engraved
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University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

8008 Dr. M. Yousaf

### To: Procurement Manager

Q-Links Property Management Pvt. Ltd

Project: Gold Souq, Bahria Town Lahore (Raft Foundation)

Our Ref. No. CL/CED/ 6173

Your Ref. No. QLC-Gold-2024-LT-FG

## **COMPRESSION TEST REPORT**



Test Specification

(ASTM C39)

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

Specim	ens received on:	15	5/10/2	2024	Tested on:	16/10	0/2024	in dry/wet	condition		Ü	jesues
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	4000 Psi	14	9	2024	6Diax12		13.6	28.28	65	5149		Non Engraved
2	4000 Psi	14	9	2024	6Diax12		13.6	28.28	60	4752		Non Engraved
3	4000 Psi	14	9	2024	6Diax12		13.2	28.28	57	4515		Non Engraved
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16/10/2024

14/10/2024

#### Witnessed by:

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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.

7985 Dr. M. Yousaf

### To: Procurement Manager

Q-Links Property Management Pvt. Ltd

Project: Gold Souq, Bahria Town Lahore (Column Grid B/4-5 & Retaining Wall)

Our Ref. No. CL/0	CED/ 6174	Dated:	16/10/2024	Test Specification
Your Ref. No.	QLC-Gold-2024-LT AE	Dated:	09-10-24	(ASTM C39)

## **COMPRESSION TEST REPORT**



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

Specim	ens received on:	11	/10/2	2024	Tested on:	16/10	0/2024	in dry/we	t condition		Ü	je steri
Sr. No.	Mark*	Cas DD	-	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	5000 Psi	30	9	2024	6Diax12		13.4	28.28	54	4277		Non Engraved
2	4000 Psi	30	9	2024	6Diax12		14	28.28	54	4277		Non Engraved
3	4000 Psi	30	9	2024	6Diax12		14.6	28.28	77	6099		Non Engraved
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Supervisor (Lab)



**Civil Engineering Department** 

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

7984 Dr. M. Yousaf

### To: Mr. AQEEL ASLAM

Manager Projects, Fatima Memorial Hospital

Project: Construction of New Building at Fatima Memorial Hospital Lahore.

Our Ref. No. CL/CED/ 6175	Dated:	16/10/2024	Test Specification
Your Ref. No. FMH/RAF/con/28	Dated:	08-10-24	(ASTM C39)

### **COMPRESSION TEST REPORT**



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

Specim	ens received on:	10	/10/2	2024	Tested on:	16/10	)/2024	in dry/we	t condition		Ë	je ster
Sr. No.	Mark*	Cas DD	_	Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)		Water Absorpti on (%)	Remarks
1	Bridge Slab Conc. (3000 Psi)	2	10	2024	6Diax12		(rtg/ gills) 14	28.28	39	3089		Non Engraved
2	Bridge Slab Conc. (3000 Psi)	2	10	2024	6Diax12		13.6	28.28	44	3485		Non Engraved
3												
4												
5					<	THE	RING					
6					/ 4	READ IN	2071	<u> </u>				
7					- È	OF THY CREATES	زیجب الذکی خلق ر					
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16												
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

7964 Dr. M. Yousaf

Test Specification

(ASTM C39)

To: Mr. Salman Latif CEO, SAC Engineering Services

> Project: UBL Cavalry Ground Lahore Our Ref. No. CL/CED/ 6176 Your Ref. No. Nil

## **COMPRESSION TEST REPORT**

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

Specim	ens received on:	9/	/10/2	024	Tested on:	16/10	)/2024	in dry/we	t condition		Ċ	je slevi
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	Second Floor Slab (3000 Psi)	3	9	2024	6Diax12		13.6	28.28	68	5386		Non Engraved
2	Second Floor Slab (3000 Psi)	3	9	2024	6Diax12		13.4	28.28	42	3327		Non Engraved
3	Second Floor Slab (3000 Psi)	3	9	2024	6Diax12		13	28.28	61	4832		Non Engraved
4												
5						WHINE	RI/to					
6						READ IN	200	<b>_</b>				
7						OF THY CORD WHO CREATES	ز <del>ی</del> ک اند کی خلق ر	133				
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9								~				
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12										-		
13												
14												
15												
16												
Witness	sed by:											

Dated:

Dated:

16/10/2024

08-10-24

### 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.



# 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.

7973 Dr. M. Yousaf

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/ 6177 Dated: 16/10/2024

Your Ref. No. 359 Sd/GOR-III, Lhr

## COMPRESSION TEST REPORT



Specime	ens received on:	9	/10/2	024	Tested on:	16/10	)/2024	in dry/wet	condition		г. [	je ka
Sr. No.	Mark*	Cas DD	_	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(1:1.5:3)	16	8	2024	6Diax12		13.8	28.28	77	6099		Non Engraved
2	(1:1.5:3)	16	8	2024	6Diax12		13	28.28	76	6020		Non Engraved
3												
4												
5					<	THE	RING					
6					).	READ IN	2071					
7						OF THY BORD WHC CREATES	رچې ا اند کې خلق ر	133				
8					- 45							
9					>			~				
10					<		IORE.					
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12												
13												
14												
15												
16												

#### 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.

### **Director/Dy. Director Concrete Laboratory**



Dated:

09-10-24

Test Specification

(ASTM C39)



## 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.

7973 Dr. M. Yousaf

(ASTM C39)

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/ 6178 Dated: 16/10/2024 Test Specification Your Ref. No. 352 Sd/GOR-III, Lhr Dated: 09-10-24

## COMPRESSION TEST REPORT

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

Specim	ens received on:	9	/10/2	024	Tested on:	16/10	)/2024	in dry/wet	condition			je ka s
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	(1:1.5:3)	29	7	2024	6Diax12		13.2	28.28	77	6099		Non Engraved
2	(1:1.5:3)	29	7	2024	6Diax12		13	28.28	63	4990		Non Engraved
3												
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6					2	READ IN	EUT	<b>_</b>				
7						OF THY CREATES	رچې اند کې خلق ر	13				
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9					>	200-		2				
10					<		IORE.					
11												
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14												
15												
16												
Witness	sed 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.



## Plain and Reinforced Concrete Laboratory

**Civil Engineering Department** 

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

7973 Dr. M. Yousaf

Test Specification

(ASTM C39)

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/ 6179 Dated: 16/10/2024 Your Ref. No. 345 Sd/GOR-III, Lhr Dated: 09-10-24

## COMPRESSION TEST REPORT

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

Specim	ens received on:	9	/10/2	024	Tested on:	16/10	)/2024	in dry/wet	t condition			iesterij
Sr. No.	Mark*		•	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(1:1.5:3)	15	7	2024	6Diax12		14	28.28	73	5782		Non Engraved
2	(1:1.5:3)	15	7	2024	6Diax12		14.6	28.28	57	4515		Non Engraved
3												
4												
5					(	THE	RINT					
6					- )	READ IN	EUT	×				
7						OF THY -CORD WHC CREATES	رچې اند کې خلق ر	13				
8					1							
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10							IORE.					
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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.







## 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.

7973 Dr. M. Yousaf

(ASTM C39)

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/ 6180 Dated: 16/10/2024 **Test Specification** Your Ref. No. 361 Sd/GOR-III, Lhr Dated: 09-10-24

## **COMPRESSION TEST REPORT**

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

Specim	ens received on:	9	/10/2	024	Tested on:	16/10	)/2024	in dry/wet	condition			iesterij
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(1:1.5:3)	28	8	2024	6Diax12		13.8	28.28	80	6337		Non Engraved
2	(1:1.5:3)	28	8	2024	6Diax12		13.4	28.28	66	5228		Non Engraved
3												
4												
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6					- )	KEAU N	EVEN	<u> </u>				
7					- È	OF THY CREATES	ریج ان کی خلق ر	13				
8								5-				
9					>	200-		2				
10					<		IORE.					
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12												
13												
14												
15												
16												
Witness	ed 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.



# Plain and Reinforced Concrete Laboratory

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

7973 Dr. M. Yousaf

(ASTM C39)

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/ 6181 Dated: 16/10/2024 **Test Specification** Your Ref. No. 382 Sd/GOR-III, Lhr Dated: 09-10-24

## COMPRESSION TEST REPORT

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

Specim	9/10/2024 Tested on:			Tested on:	16/10/2024 in dry/wet condition					Remarks Non Engraved Non Engraved		
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	(1:2:4)	24	8	2024	6Diax12		13.4	28.28	50	3960		Non Engraved
2	(1:2:4)	24	8	2024	6Diax12		14.4	28.28	54	4277		Non Engraved
3												
4												
5					(	THE	RINT					
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7					- È	OF THY CREATES	رچې اند کې خلق ر	13				
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9					3	25-		2				
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14												
15												
16												
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.



## 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.

7973 Dr. M. Yousaf

Test Specification

(ASTM C39)

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/ 6182 Dated: 16/10/2024 Your Ref. No. 387 Sd/GOR-III, Lhr Dated: 09-10-24

## **COMPRESSION TEST REPORT**

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

Specim	9/10/2024 Tes		Tested on:	16/10/2024		in dry/wet	condition					
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	(1:2:4)	8	9	2024	6Diax12		14	28.28	56	4436		Non Engraved
2	(1:2:4)	8	9	2024	6Diax12		13.6	28.28	49	3881		Non Engraved
3												
4												
5					<	THE	RING					
6					- ).	KEAU N	ROTT	<u> </u>				
7					È	OF THY CREATES	رچې اند کې خلق ر	13				
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9					>	200-		2				
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16												
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.



## **Plain and Reinforced Concrete Laboratory**

**Civil Engineering Department** 

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

7993 Dr. Aqsa

To: Mr. Asim Mushtaq **General Manager Factory, MASTER OFFISYS** 

Project: Nil			
Our Ref. No. CL/CED/ 6183	Dated:	16-10-24	Test Specification
Your Ref. No. PEMH05-003	Dated:	10-10-24	( BS 1881-116 )

## **COMPRESSION TEST REPORT**



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

Specimens received on: 1				11/10/2024 Tested on:			)/2024	in dry/wet	condition			
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	Concrete Cube	23	9	2024	6x6x6		8.4	36	100	6222		Non Engraved
2	Concrete Cube	23	9	2024	6x6x6		8.6	36	115	7156	-	Non Engraved
3	Concrete Cube	23	9	2024	6x6x6		8	36	110	6844		Non Engraved
4												
5						THE	RING					
6					- /	READ IN	2071					
7						OF THY BORD WHC CREATES	ز <del>ب</del> ک ا الد فی خلق ر	103				
8					188							
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10					<	/ A	IORE					
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12												
13												
14												
15												
16												
Witnessed 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

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Supervisor (Lab)

### Director/Dy. Director 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.

> 8000 Dr. Aqsa

To: Mr. Muhammad Arif

**Contract Manager, For Thaheem Construction Company** 

Project: CUTTING UNIT EXT WITH FIRST, MEZZANINE AND SECOND FLOOR AT SAPPHIRE STITCHING (UNIT-8). LAHORE

Our Ref. No. CL/CED/ 6184	Dated:	16-10-24	Test Specification
Your Ref. No. TCC/UET/715	Dated:	12-10-24	( BS 1881-116 )

## **COMPRESSION TEST REPORT**



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

Specim	ens received on:	received on: 14/10/2024 Tested on: 15/10/2024 in dry/wet condition					Ü	1623896				
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	Second Floor	1	10	2024	6x6x6	(rtg/ giiis) 	(rtg/ gills) 8.2	36	73	4542		Engraved
2	Column (4500 Psi) Second Floor Column (4500 Psi)	1	10	2024	6x6x6		8.4	36	73	4542		Engraved
3	Column (4500 Psi) Second Floor Column (4500 Psi)	1	10	2024	6x6x6		9	36	75	4667		Engraved
4												
5						NHINE	RING					
6						READ N	2071	<b></b>				
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16												
Witnessed 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 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

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

> 8003 Dr. Aqsa

Mr. Muhammad Tufail											
Construction Team Leader, Lahore Office, ZOR Engineers (Pvt) Limited											
Project: NEW HOPE CHRISTIAN MINISTRIES- CONSTRUCTION OF SCHOOL BUILDING- HAMDARD CHOWK LAHORE											
Our Ref. No. CL/CED/ 6185	Dated:	16-10-24	Test Specification								
Your Ref. No. 230.45.1/MT/4	Dated:	14/10/2024	( BS 1881-116 )								

## COMPRESSION TEST REPORT



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

Specime	ens received on:	14	/10/2	2024	Tested on:	15/10	)/2024	in dry/wet	t condition		Ü	j&238896
Sr. No.	Mark*		-	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	3rd Floor Slab (1:2:4)	14	9	2024	6x6x6		8.4	36	51	3173		Engraved
2	3rd Floor Slab (1:2:4)	14	9	2024	6x6x6		8.4	36	59	3671		Engraved
3	3rd Floor Slab (1:2:4)	14	9	2024	6x6x6		8.8	36	49	3049		Engraved
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6					>	READ IN	207					
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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 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

7874 Dr. M. Yousaf

Test Specification

### To: Mr. ATIQ UR REHMAN

Manager Estimation & QC Etihad Town Lahore

Project: Development of ETIHAD PHASE-II Our Ref. No. CL/CED/ 6186

Specimens received on: 25/9/2024 Tested on:

Your Ref. No. Nil

## **COMPRESSION TEST REPORT**





Specim	ens received on:	Ζ;	5/9/Z	024	rested on:	10/10	1/2024		condition		Ľ	Icensen
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	SN				9 x 4.3 x 3	3875	3290	38.7	31	1794	17.78	
2	SN				8.8 x 4.2 x 2.9	3610	3215	36.96	39	2364	12.29	
3	SN				8.8 x 4.2 x 3	3745	3290	36.96	33	2000	13.83	
4	SN				8.9 x 4.2 x 3	3705	3245	37.38	37	2217	14.18	
5	SN				8.8 x 4.2 x 2.9	3800	3325	36.96	37	2242	14.29	
6						READ IN	207					
7					11	OF THY HORD WHO OREATES	ز <del>یک</del> ان کی خلیش ر	E				
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16												
Witnessed by:												

16/10/2024

Dated:

Dated:

in dry/wet condition

16/10/2024

Nil

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

1. \* as engraved on the specimens (if any)

2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption

3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

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



**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.

7992 Dr. M. Yousaf

To: **Deputy Director (Tech-II)** Anti-Corruption Establishment Punjab, Lahore

Project: ENQUIRY NO. 115/2024 SAHIWAL (DISTRICT COUNCIL OKARA)

Our Ref. No. CL/CED/ 6187-1 of 2	Dated: 16/10/2024	Test Specification
Your Ref. No. DACE-DDT-II-08	Dated: 23/9/2024	( )

## **COMPRESSION TEST REPORT**



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

Specim	11-10-24		-24	Tested on:	16/10/2024		in dry/wet	condition				
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (%)	
1	7UP (Soling 23/2R & 24/2R)				8.4 x 4.2 x 2.8		2590	35.28	34	2159		Used Sample
2	7UP (Soling 23/2R & 24/2R)				8.5 x 4.2 x 2.7		2485	35.7	18	1129		Used Sample
3	7UP (Soling 23/2R & 24/2R)				8.3 x 4.1 x 2.6		2535	34.03	27	1777		Used Sample
4	400 (39/3R)				8.5 x 4.1 x 2.6		2795	34.85	41	2635		Used Sample
5	400 (39/3R)				8.6 x 3.8 x 2.7	STATINE	2605	32.68	31	2125		Used Sample
6	400 (39/3R)				8.5 x 4.1 x 2.7	READ IN	2790	34.85	26	1671		Used Sample
7	ABC (13/4L)				8.7 x 4.3 x 2.7	OF THY CREATES	2985	37.41	29	1736		Used Sample
8	ABC (13/4L)				8.7 x 4. <mark>3 x 2.7</mark>		3025	37.41	38	2275		Used Sample
9	ABC (13/4L)				8.7 x 4.3 x 2.9	20-	3295	37.41	30	1796		Used Sample
10	RBK (Soling 46/3R)				8.6 x 4.2 x 2.6		2450	36.12	25	1550		Used Sample
11	RBK (Soling 46/3R)				8.7 x 3.9 x 2.6		2690	33.93	32	2113		Used Sample
12												
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Witness	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.

Supervisor (Lab)



**Civil Engineering Department** 

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

7992 Dr. M. Yousaf

To: **Deputy Director (Tech-II)** Anti-Corruption Establishment Punjab, Lahore

Project: ENQUIRY NO. 115/2024 SAHIWAL (DISTRICT COUNCIL OKARA)

Our Ref. No. CL/CED/ 6187-2 of 2	Dated:	16/10/2024	Test Specification
Your Ref. No. DACE-DDT-II-08	Dated:	23/9/2024	( )

## **COMPRESSION TEST REPORT**



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

Specim	ens received on:	1	1-10	-24	Tested on:	16/10	)/2024	in dry/wet condition					
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Absorpti	Remarks	
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)		
1	Rectangular, Red, 60mm				7.8 x 3.8 x 2.3		2610	29.64	41	3099		Used Sample(IB Office Okara)	
2	Rectangular, Red, 60mm				7.8 x 3.8 x 2.3		2655	29.64	62	4686		Used Sample(IB Office Okara)	
3	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3		2550	29.64	43	3250		Used Sample(IB Office Okara)	
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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.

7992 Dr. M. Yousaf

To: **Deputy Director (Tech-II)** Anti-Corruption Establishment Punjab, Lahore

Project: ENQUIRY NO. 115/2024 SAHIWAL (DISTRICT COUNCIL OKARA)

Our Ref. No. CL/CED/ 6188-1 of 3	Dated:	16/10/2024	Test Specification
Your Ref. No. DACE-DDT-II-07	Dated:	23/9/2024	( )

### **COMPRESSION TEST REPORT**



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

Specimens received on:		11-10-24		-24	Tested on:	16/10	)/2024	in dry/we	n dry/wet condition			
Sr. No.	Mark*	Cas	ting	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	H (Sol. 22/D, 38/D, 39D,47/D,49/D)				8.5 x 4.1 x 2.7		2545	34.85	17	1093		Used Sample
2	H (Sol. 22/D, 38/D, 39D,47/D,49/D)				8.5 x 4 x 2.6		2540	34	16	1054		Used Sample
3	H (Sol. 22/D, 38/D, 39D,47/D,49/D)				8.4 x 4.2 x 2.7		2725	35.28	20	1270		Used Sample
4	S (Soling 31/1 AL)				8.4 x 4.2 x 2.7		2785	35.28	25	1587		Used Sample
5	S (Soling 31/1 AL)				8.4 x 4 x 2.6	STINE	2810	33.6	26	1733		Used Sample
6	S (Soling 31/1 AL)				8.4 x 4.1 x 2.6	READ N	2675	34.44	31	2016		Used Sample
7	S (Soling 17/D)				8.4 x 4. <mark>2 x 2.7</mark>	OF THY - RORD WHO OREATES	2785	37.44	30	1795		Used Sample
8	S (Soling 17/D)				8.4 x 4 x 2.7		2810	37.44	38	2274		Used Sample
9	S (Soling 17/D)				8.4 x 4.1 x 2.6	20	2675	37.44	24	1436		Used Sample
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Witness	ed by:											

#### ninesseu 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.

7992 Dr. M. Yousaf

To: **Deputy Director (Tech-II)** Anti-Corruption Establishment Punjab, Lahore

Project: ENQUIRY NO. 115/2024 SAHIWAL (DISTRICT COUNCIL OKARA)

Our Ref. No. CL/CED/ 6188-2 of 3	Dated:	16/10/2024	Test Specification
Your Ref. No. DACE-DDT-II-07	Dated:	23/9/2024	( )

### **COMPRESSION TEST REPORT**



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

Specim	ens received on:	1	1-10	-24	Tested on:	16/10	/2024 in dry/wet condition						
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Absorpti	Remarks	
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)		
1	Rectangular, Red, 60mm (54/2L)				7.8 x 3.8 x 2.3		2765	29.64	81	6121		Used Sample	
2	Rectangular, Red, 60mm (54/2L)				7.8 x 3.8 x 2.3		2825	29.64	81	6121		Used Sample	
3	Rectangular, Grey, 60mm (54/2L)				7.8 x 3.8 x 2.3		2650	29.64	50	3779		Used Sample	
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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

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

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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.

7992 Dr. M. Yousaf

To: Deputy Director (Tech-II) Anti-Corruption Establishment Punjab, Lahore

Project: ENQUIRY NO. 115/2024 SAHIWAL (DISTRICT COUNCIL OKARA)

Our Ref. No. CL/	CED/ 6188-3 of 3	Dated:	16-10-24	Test Specification
Your Ref. No.	DACE-DDT-II-07	Dated:	23-09-24	()

7

### **COMPRESSION TEST REPORT**



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

Specim	ens received on:	1	1-10	-24	Tested on:	16-1	10-24	in dry/wet condition			Ü	jesues
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Uni-Block, Grey, 60mm (55/2L)				2.3 thick		3275	37.44	77	4607		Used Sample
2	Uni-Block, Grey, 60mm (55/2L)				2.3 thick		3180	37.44	70	4188		Used Sample
3	Uni-Block, Grey, 60mm (55/2L)				2.3 thick		3290	37.44	88	5265		Used Sample
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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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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 Mobile: 0307-0496895 Landline: 042-99029245 & 042-99029202

7992 Dr. M. Yousaf

To: **Deputy Director (Tech-II)** Anti-Corruption Establishment Punjab, Lahore

Project: ENQUIRY NO. 115/2024 SAHIWAL (DISTRICT COUNCIL OKARA)

Our Ref. No. CL/CED/ 6189	Dated:	16/10/2024	Test Specification
Your Ref. No. DACE-DDT-II-09	Dated:	23/9/2024	( )

## **COMPRESSION TEST REPORT**



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

Specimens received on:		11-10-24 Tested or			Tested on:	16/10	/2024	in dry/wet condition				<u>i series</u>	
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti Remarks	Remarks	
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)		
1	S (Sullage Carrier 45/3R)				8.5 x 4.1 x 2.7		2780	34.85	25	1607		Used Sample	
2	S (Sullage Carrier 45/3R)				8.7 x 4.1 x 2.6		2770	35.67	26	1633		Used Sample	
3	S (Sullage Carrier 45/3R)				8.8 x 4.3 x 2.8		3150	37.84	26	1539		Used Sample	
4	BK (Soling & Sullage Carrier)				8.6 x 4.1 x 2.7		2930	35.26	30	1906		Used Sample	
5	BK (Soling & Sullage Carrier)				8.7 x 4.2 x 2.7	NETNE	2705	36.54	20	1226		Used Sample	
6	BK (Soling & Sullage Carrier)				8.5 x 4.2 x 2.7	READ IN	2855	35.7	25	1569		Used Sample	
7	Double Line MM Bricks (20/2L)				8.5 x 4.1 x 2.6	OF THY BORD WHC CREATES	2700	34.85	26	1671		Used Sample	
8	Double Line MM Bricks (20/2L)				8.6 x 4 x 2.6		2465	34.4	26	1693		Used Sample	
9	Double Line MM Bricks (20/2L)				8.8 x 4.2 x 2.7		2740	36.96	24	1455		Used Sample	
10	AT (Soling 67/AML)				8.5 x 4.1 x 2.6	/ A	2935	34.85	27	1735		Used Sample	
11	AT (Soling 67/AML)				8.6 x 4 x 2.6		2900	34.4	22	1433		Used Sample	
12	AT (Soling 67/AML)				8.8 x 4.2 x 2.7		2740	36.96	24	1455		Used Sample	
13													
14													
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Witness	ed by:												

#### witnessea by:

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.



## **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.

7795 Dr. M. Yousaf

**Test Specification** 

(----)

#### To: Mr. Adnan Yasir

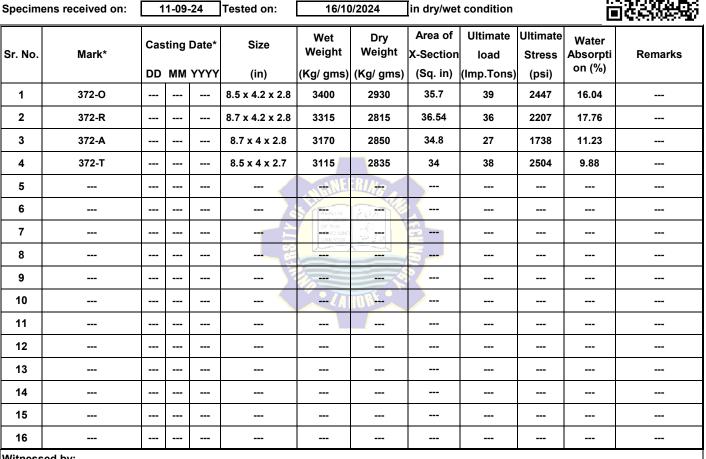
Assistant Resident Engineer, Package-III (Punjab Cities Program) Gojra

Project: UPGRAD	ATION OF SEWERAGE SYSTEM AND CONST	RUCTION OF WAST	E WATER TREATMENT							
PLANT (WWTP) GOJRA CITY- PACKAGE 04 CONSTRUCTION OF WASTE WATER TREATMENT PLANT										
Our Ref. No. CL/C	ED/ 6190	Dated:	16/10/2024							
Your Ref. No.	MMP/1095/Gojra/SEW/74/2024	Dated:	02-09-24							

Your Ref. No. MMP/1095/Gojra/SEW/74/2024

### COMPRESSION TEST REPORT

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



#### 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

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