

**Civil Engineering Department** 

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.

6943 Dr. M. Burhan

#### To: **Executive Engineer**

Road Construction Division, Lahore.

Project: Special Repair of Approach Road to Bibi Pak Daman Shrine in District Lahore.

Our Ref. No. CL	/CED/ 4601	Dated:	05-04-24	Test Specification
Your Ref. No.	EE(RC)/2947/CB/ST	Dated:	06-02-24	( )

## COMPRESSION TEST REPORT



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

Specim	ens received on:	2	7-03	-24	Tested on:	05-0	)4-24	in dry/wet	t condition			i Central
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (76)	
1	S				8.8 x 4.3 x 3	3785	3305	37.84	54	3197	14.52	
2	s				8.8 x 4.2 x 2.9	3540	3170	36.96	48	2909	11.67	
3	s				9 x 4.4 x 3	4100	3610	39.6	42	2376	13.57	
4	s				8.8 x 4.4 x 2.8	3725	3340	38.72	52	3008	11.53	
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Witness	od 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.



Project: Commercial Building, 3 Ali New Garden To	wn, Lahore. (Client: Mr. Usman	Pasha Sb. Chief Exe	ecutive
Construction and Building Lahore.)			
Our Ref. No. CL/CED/ 4602	Dated:	05-04-24	Test Specification
Your Ref. No. AED/4234	Dated:	05-04-24	(ASTM C39)

## **COMPRESSION TEST REPORT**



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

Specim	ens received on:	0	5-04	-24	Tested on:	05-0	)4-24	in dry/wet condition			ONLINE REPORT	
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	Columns	15	2	2024	6Diax12		15	28.28	101	8000		Non Engraved
2	Columns	15	2	2024	6Diax12		14.2	28.28	97	7683		Non Engraved
3	Columns	15	2	2024	6Diax12		14.4	28.28	101	8000		Non Engraved
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## Witnessed by: Mr. Ghulam Fareed & Mr. Shakeel Ahmad

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6976 Dr. Umbreen

To: Mr. Muhammad Sohail Anjum Project Manager, MS IT Tower, Lahore

Project: Construction of MS IT Tower at Plot 450, 451 Johar Town Lahore.

Our Ref. No. CL/	CED/ 4603	Dated:	05-04-24	Test Specification
Your Ref. No.	MSITT/UET/2024/C-019	Dated:	01-04-24	(ASTM C39)

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## **COMPRESSION TEST REPORT**



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

Specimo	ens received on:	0	2-04	-24	Tested on:	05-0	)4-24	in dry/we	t condition		Ŀ	i <i>center</i>
Sr. No.	Mark*	Cas	ting MM	Date*	Size	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	Cylinder No. 66	21	3	2024	6Diax12	(itg/ gills) 	13.4	28.28	50	3960		Non Engraved
2	(3000 PSI) Cylinder No. 67 (3000 Psi)	21	3	2024	6Diax12		14	28.28	52	4119		Non Engraved
3	Cylinder No. 69 (3000 Psi)	21	3	2024	6Diax12		13.6	28.28	50	3960		Non Engraved
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Witness	ad by											

#### witnessed by:

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ORIGINAL
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the report has
been retained in
he lab for record.

6973 Dr. Umbreen

To: Mr. Muzaffer Ahmad

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

Project: Construct	ction of Residential Area at University	of Narowal (New Campus)- 3	Strengthening &									
<b>Expansion of Uni</b>	expansion of University of Gujrat & Allied Campuses (Narowal Component)- Construction of Guest House.											
Our Ref. No. CL/C	CED/ 4604	Dated:	05-04-24	Test Specification								
Your Ref. No.	G3/UON-RE/516	Dated:	26/3/2024	(ASTM C39)								

Your Ref. No. G3/UON-RE/516

## COMPRESSION TEST REPORT

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

Specim	ens received on:	0	, 1-04	-24	Tested on:	05-0	4-24	in dry/wet	condition		E E	
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	Stem Col. (1:1.5:3)	1	2	2024	6Diax12		15.4	28.28	102	8079		Non Engraved
2	Stem Col. (1:1.5:3)	1	2	2024	6Diax12		15.4	28.28	60	4752		Non Engraved
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### Witnessed by:

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6967 Dr. Umbreen

To: Mr. Muhammad Shafeeq Manager Operations, Indigo Signature Apartments

Project: Indigo Signature Apartments (Raft)

Our Ref. No. CL/C	ED/ 4605	Dated:	05-04-24	Test Specification
Your Ref. No.	Nil	Dated:	28/3/2024	(ASTM C39)

## **COMPRESSION TEST REPORT**

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



Witnessed by:

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> 6941 Dr. Umbreen

#### To: **Managing Partner**

for Shaheen Associates, New Garden Town, Lahore

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

Our Ref. No. CL/C	ED/ 4606	Dated:	05-04-24	Test Specification
Your Ref. No.	SBA-1/5048	Dated:	25/3/2024	(ASTM C39)

## COMPRESSION TEST REPORT



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

Specim	ens received on:	2	7/3/2	024	Tested on:	05-0	)4-24	in dry/we	condition		0	i Canada i
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	Slab Beam- Grid D- F (1:2:4)	23	2	2024	6Diax12		14.4	28.28	54	4277		Engraved
2	Slab Beam- Grid D- F (1:2:4)	23	2	2024	6Diax12		15	28.28	58	4594		Engraved
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Supervisor (Lab)



**Civil Engineering Department** 

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> 6985 Dr. Umbreen

## To: Mr. Shahzad Mukhtar

Project Manager, Aitchison College, Lahore

Project: Construction of Riding Pavilion, Aitchison College, Lahore (RCC Work for Wall and Column)

Our Ref. No. CL/C	ED/ 4607	Dated:	05-04-24	Test Specification
Your Ref. No.	P-	Dated:	03-04-24	(ASTM C39)

## **COMPRESSION TEST REPORT**

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



Specim	ens received on:	0	3-04	-24	Tested on:	05-0	)4-24	in dry/we	t condition			je le g
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	RCC Work	3	3	2024	6Diax12		13.6	28.28	54	4277		Non Engraved
2	RCC Work	3	3	2024	6Diax12		13.6	28.28	76	6020		Non Engraved
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Witness	ed by:											

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ORIGINAL

6978 Dr. Umbreen

Test Specification (ASTM C39)

Engr. M. Shahjah Resident Engine	an Khan er, Infrastructure Development Authority of	Punjab	
Project: Design, (Compute & Core	Procurement, Deployment and Commission Network) Infrastructure on EPC/TURNKEY	ning of CCTV, Control I Basis for (PPIC3) Guji	Room and Data Centre ranwala.
Our Ref. No. CL/	CED/ 4608	Dated:	05-04-24
Your Ref. No.	PPIC3-GUJ/IDAP/2024/0017	Dated:	02-04-24

## COMPRESSION TEST REPORT

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

Specim	ens received on:	0	2-04	-24	Tested on:	05-0	)4-24	in dry/we	t condition		C	jester
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	4000 Psi	5	3	2024	6Diax12		14	28.28	56	4436		Non Engraved
2	4000 Psi	5	3	2024	6Diax12		14	28.28	73	5782		Non Engraved
3	4000 Psi	5	3	2024	6Diax12		13.4	28.28	56	4436		Non Engraved
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#### witnessea by:

To:

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> 6983 Dr. Umbreen

#### To: Engr. Nouman Qamar

Resident Engineer, AZ Engineering Associates, Narowal

Project: Widening / Improvement of Road from Sialkot Cantt to Jassar Garrison Length = 69.00 KM, in District Narowal. (Contractor: M/S Asad Construction (Pvt) Ltd. Lahore) Our Ref. No. CL/CED/ 4609 Dated: 05-04-24 Test Specification Your Ref. No. AZ/RE/SNR/098 Dated: 28/3/2024 (ASTM C39)

## COMPRESSION TEST REPORT



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

Specim	ens received on:	0	3-04	-24	Tested on:	05-0	)4-24	in dry/wet	t condition		0	icenses)
Sr. No.	Mark*	Cas DD	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	4060 Psi	20	3	2024	6Diax12		14	28.28	50	3960		Non Engraved
2	4060 Psi	20	3	2024	6Diax12		14	28.28	50	3960	-	Non Engraved
3	4060 Psi	20	3	2024	6Diax12		13	28.28	48	3802		Non Engraved
4												
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#### witnessea by:

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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

<u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

> 6951 Dr. Umbreen

To: Mr. M. Usman Rauf

Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt.) Ltd

Project: Repair and Maintenance of Different Roads / Streets in the Jurisdiction of MCL. (MCL Projects)

Our Ref. No. CL/	'CED/ 4610	Dated:	05-04-24	Test Specification
Your Ref. No.	4084/103/MUR/104/1826	Dated:	27/3/2024	(ASTM C39)

## **COMPRESSION TEST REPORT**



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

Specim	ens received on:	2	8/3/2	024	Tested on:	05-0	)4-24	in dry/wet	t condition			o criaticado
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1		28	2	2024	6Diax12		12.4	28.28	44	3485		Non Engraved
2		28	2	2024	6Diax12		12.4	28.28	43	3406		Non Engraved
3		28	2	2024	6Diax12		13	28.28	32	2535		Non Engraved
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#### Witnessed by:

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To:

# Plain and Reinforced Concrete Laboratory

**Civil Engineering Department** 

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

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> 6960 Dr. Umbreen

Mr. Muhammad	Yaseen		
Sr. Project Mana	ager, Pak Engineering Solution, 9-Lov	ver Mall, Lahore	
Project: Constru Associates)	ction of National Food Galaxy Projec	t at FIDMIC Sahianwala, Fais	alabad. (Consultant: ANS
Our Ref. No. CL	/CED/ 4611	Dated:	05-04-24
Your Ref. No.	PES-NFL-031	Dated:	29/3/2024

## COMPRESSION TEST REPORT



Test Specification (ASTM C39)

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

Specimo	ens received on:	2	9/3/2	024	Tested on:	05-0	)4-24	in dry/wet	t condition		0	0 Crather
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1		28	2	2024	6Diax12		13.2	28.28	38	3010		Non Engraved
2		28	2	2024	6Diax12		14	28.28	46	3644		Non Engraved
3		28	2	2024	6Diax12		13.6	28.28	36	2851		Non Engraved
4		29	2	2024	6Diax12		13.6	28.28	46	3644		Non Engraved
5		29	2	2024	6Diax12	<b>WHITE</b>	13.2	28.28	64	5069		Non Engraved
6		29	2	2024	6Diax12	READ IN	13.6	28.28	68	5386		Non 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)

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

6948 Dr. Umbreen

To: Mr. Masood Akram DELTONS Construction Co.

Project: Surge Laboratory.									
Our Ref. No. CL/C	ED/ 4612	Dated:	05-04-24	Test Specification					
Your Ref. No.	Nil	Dated:	27-03-24	(ASTM C39)					

## **COMPRESSION TEST REPORT**

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

Sr. No.         Mark*         Castration Mark*         Size (n) Mark*         Weight (n) Mark*         Dry Weight (Kg/gms)         Area of Kg/gms)         Ultimate load (Imp.Tons)         Water Absorption (N)         Remarks           1          12         3         2024         6Diax12          12.8         28.28         36         2851          Non Engraved           2          13         3         2024         6Diax12          12.8         28.28         36         2851          Non Engraved           3          13         3         2024         6Diax12          12.6         28.28         24         3485          Non Engraved           4            12.6         28.28         44         3485          Non Engraved           5 <th>Specim</th> <th>ens received on:</th> <th>2</th> <th>7/3/2</th> <th>024</th> <th>Tested on:</th> <th>05-0</th> <th>)4-24</th> <th>in dry/we</th> <th>t condition</th> <th></th> <th>Ē</th> <th>j&amp;2328-96</th>	Specim	ens received on:	2	7/3/2	024	Tested on:	05-0	)4-24	in dry/we	t condition		Ē	j&2328-96
1        12       3       2024       6Diax12        12.8       28.28       36       2851        Non Engraved         2        13       3       2024       6Diax12        12       28.28       28       2218        Non Engraved         3        13       3       2024       6Diax12        12.6       28.28       44       3485        Non Engraved         4          12.6       28.28       44       3485        Non Engraved         5          12.6       28.28       44       3485        Non Engraved         6 <td>Sr. No.</td> <td>Mark*</td> <td>Cas DD</td> <td>ting MM</td> <td>Date* YYYY</td> <td>Size (in)</td> <td>Wet Weight (Kg/ gms)</td> <td>Dry Weight (Kg/ gms)</td> <td>Area of X-Section (Sq. in)</td> <td>Ultimate load (Imp.Tons)</td> <td>Ultimate Stress (psi)</td> <td>Water Absorpti on (%)</td> <td>Remarks</td>	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
2        13       3       2024       6Diax12        12       28.28       28       2218        Non Engraved         3        13       3       2024       6Diax12        12.6       28.28       44       3485        Non Engraved         4	1		12	3	2024	6Diax12		12.8	28.28	36	2851		Non Engraved
3        13       3       2024       6Diax12        12.6       28.28       44       3485        Non Engraved         4 <td>2</td> <td></td> <td>13</td> <td>3</td> <td>2024</td> <td>6Diax12</td> <td></td> <td>12</td> <td>28.28</td> <td>28</td> <td>2218</td> <td></td> <td>Non Engraved</td>	2		13	3	2024	6Diax12		12	28.28	28	2218		Non Engraved
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9 <td>8</td> <td></td> <td></td> <td></td> <td></td> <td>- 88</td> <td></td> <td></td> <td>5</td> <td></td> <td></td> <td></td> <td></td>	8					- 88			5				
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11                  12                  13                14               15	10						/ A	IDRL.					
12 <t< td=""><td>11</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	11												
13 <t< td=""><td>12</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	12												
14                15	13												
15	14												
	15												
<u>16</u>                  -	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 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)



Plain and Reinforced Concrete Laboratory	
Civil Engineering Department	

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

6972 Dr. Umbreen

**Test Specification** 

(ASTM C39)

## To: Mr. Muzaffer Ahmad

 Resident Engineer, G3 Engineering Consultants (Pvt) Ltd, University of Narowal

 Project: Construction of Residential Area at University of Narowal (New Campus)- Strengthening &

 Expansion of University of Gujrat & Allied Campuses (Narowal Component)- Construction of Family Flat-03

 Our Ref. No. CL/CED/
 4613

 Dated:
 05-04-24

Dated:

26/3/2024

Your Ref. No. G3/UON-RE/514

## **COMPRESSION TEST REPORT**

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

Specim	ens received on:	1	/4/20	)24	Tested on:	05-0	)4-24	in dry/wet	condition			je sled
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	S.F Col. (1:1.5:3)	26	2	2024	6Diax12		13.6	28.28	42	3327		Engraved
2	S.F Col. (1:1.5:3)	26	2	2024	6Diax12		13.4	28.28	44	3485		Engraved
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15												
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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)

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.





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

6972 Dr. Umbreen

**Test Specification** 

(ASTM C39)

#### To: Mr. Muzaffer Ahmad

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd, University of Narowal Project: Construction of Residential Area at University of Narowal (New Campus)- Strengthening & Expansion of University of Gujrat & Allied Campuses (Narowal Component)- Construction of Family Flat-03 Our Ref. No. CL/CED/ 4614 Dated: 05-04-24

Dated:

26/3/2024

Your Ref. No. G3/UON-RE/513

## COMPRESSION TEST REPORT

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

Specimens received on:			/4/20	24	Tested on:	05-04-24		in dry/wet	condition	Ċ	jesteg	
Sr. No.	Mark*	Cas DD	Casting 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	F.F. Roof Slab (1:2:4)	15	2	2024	6Diax12		13.2	28.28	58	4594		Engraved
2	F.F. Roof Slab (1:2:4)	15	2	2024	6Diax12		13.8	28.28	54	4277		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)

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)





**Civil Engineering Department** 

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

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> 6972 Dr. Umbreen

To: Mr. Shahzad Munir

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd

Project: Consultancy Services for Master Planning Designning and Resident Type Supervision of the Scheme Strengthening of University of Narowal (Commercial Center- GF Roof Slab Portion (B)). Our Ref. No. CL/CED/ 4615 Dated: 05-04-24 Test Specification Dated: 27/3/2024 (ASTM C39)

Your Ref. No. G3/237/RE/252

## COMPRESSION TEST REPORT





Specime	ens received on:	1	/4/20	)24	Tested on:	05-0	)4-24	in dry/wet	t condition		0	] Čenska
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		18	2	2024	6Diax12		15.4	28.28	48	3802		Non Engraved
2		18	2	2024	6Diax12		15	28.28	78	6178		Non Engraved
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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.

Supervisor (Lab)



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the report has									
been retained in									
the lab for record.									

6972 Dr. Umbreen

**Test Specification** 

#### To: Mr. Muzaffer Ahmad

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd, University of Narowal Project: Construction of Residential Area at University of Narowal (New Campus)- Strengthening & Expansion of University of Gujrat & Allied Campuses (Narowal Component)- Construction of Family Flat-02 Our Ref. No. CL/CED/ 4616 Dated: 05-04-24

Your Ref. No. G3/UON-RE/515

## 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

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:

26/3/2024

(ASTM C39)



**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.

> 6972 Dr. Umbreen

#### To: Mr. Shahzad Munir

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

Project: Consultancy Services for Master Planning Designning and Resident Type Supervision of the Scheme Strengthening of University of Narowal (Commercial Center- 1st Floor Column- Portion B & C Our Ref. No. CL/CED/ 4617 Dated: 05-04-24 Test Specification Dated: 27/3/2024 (ASTM C39)

Your Ref. No. G3/237/RE/253

## **COMPRESSION TEST REPORT**

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



Specim	ens received on:	1	/4/20	024	Tested on:	05-0	)4-24	in dry/we	t condition		Ū	i Çekkeyî
Sr. No.	Mark*	Cas	sting MM	Date*	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		24	2	2024	6Diax12		14	28.28	58	4594		Engraved
2		24	2	2024	6Diax12		14	28.28	42	3327		Engraved
3												
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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.

Supervisor (Lab)



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been retained in
he lab for record.

6972 Dr. Umbreen

**Test Specification** 

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t

To: Mr. Muzaffer Ahmad

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd, University of Narowal Project: Construction of Residential Area at University of Narowal (New Campus)- Strengthening & Expansion of University of Gujrat & Allied Campuses (Narowal Component)- Construction of Family Flat-01 Our Ref. No. CL/CED/ 4618 Dated: 05-04-24

Dated:

26/3/2024

Your Ref. No. G3/UON-RE/512

## COMPRESSION TEST REPORT

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



Specime	1/4/2024		)24	Tested on:	05-04-24		]in dry/wet condition				175.000 (P	
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	F.F. Roof Slab (1:2:4)	20	2	2024	6Diax12		14	28.28	70	5545		Engraved
2	F.F. Roof Slab (1:2:4)	20	2	2024	6Diax12		13.8	28.28	68	5386		Engraved
3												
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5						NHNE	RINT					
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7						OF THY BORD WHO CREATES	ز <del>ک</del> ے۔ اند کی خلق ر	133				
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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)



## 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.

> 6972 Dr. Umbreen

**Test Specification** 

(ASTM C39)

#### To: Mr. Muzaffer Ahmad

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd, University of Narowal Project: Const. of Residential Area at University of Narowal (New Campus)- Strengthening & Expansion of University of Gujrat & Allied Campuses (Narowal Component)- Construction of Female Faculty Hostel Our Ref. No. CL/CED/ 4619 Dated: 05-04-24

Your Ref. No. G3/UON-RE/517

## COMPRESSION TEST REPORT

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

Specimens received on:		1/4/2024		)24	Tested on:	05-04-24		in dry/wet condition				je star
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	Stem Column (1:1.5:3)	3	2	2024	6Diax12		13.6	28.28	63	4990		Engraved
2	Stem Column (1:1.5:3)	3	2	2024	6Diax12		14	28.28	58	4594		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.

## Director/Dy. Director Concrete Laboratory



Dated: 26/3/2024



**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.

> 6929 Dr. Umbreen

## To: Mr. Iftikhar Ahmad

Assistant Project Manager, DAMAAN GROUP

Project: Construction of Damaan City Houses Ali Construction and Engineering Company.

Our Ref. No. CL/C	ED/ 4620	Dated:	05-04-24	Test Specification
Your Ref. No.	0003/DAMAAN CITY/24	Dated:	25/3/2024	( )

## **COMPRESSION TEST REPORT**



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

Specim	25//3/2024		024	Tested on:	05-04-24		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
			MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 ( 76)	
1	ISI				9 x 4.3 x 3		3280	38.7	46	2663		
2	ISI				9 x 4.3 x 3.1		3280	38.7	50	2894		
3	ISI				9.1 x 4.3 x 3.1		3240	39.13	44	2519		
4	255				9 x 4.3 x 3.1		3155	38.7	40	2315		
5	255				8.8 x 4.3 x 3	NHINE	3120	37.84	58	3433		
6	255				8.8 x 4.3 x 3	READ IN	3255	37.84	48	2841		
7	Pk				8.2 x 4 x 2.8	OF THY CORD WHO CREATES	2560	32.8	30	2049		
8	Pk				8.5 x 4.1 x 2.8		2425	34.85	36	2314		
9	Pk				8 x 4 x 2.8		2915	32	23	1610		
10					<		IOR <u>E</u>					
11												
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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)

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.