

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.

> 7033 Dr. Umbreen

To: Mr. Nadeem Akhter

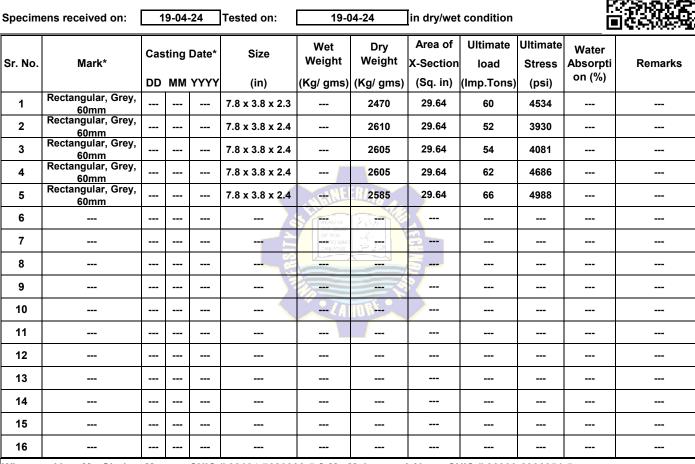
N.A Associates. 01 Babar Block Garden Town, Lahore. (Consultant: N. A Associates)

Project: Site: Ware-ex, Plot No.142-C, Sundar Industrial Estate. (Client: WARE - EX Pvt. Ltd.)

Our Ref. No. CL/CED/ 4664	Dated:	19-04-24	Test Specification
Your Ref. No. Nil	Dated:	19-04-24	()

COMPRESSION TEST REPORT

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



Witnessed by: Mr. Ghulam Murtaza CNIC # 33104-7680938-5 & Mr. Muhammad Ahsan CNIC # 36303-2936951-5

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

7024 Dr. Umbreen

To: Al-Qadus Construction Company Brother Market Near Ijtimah Chowk Sunder Road, Raiwind Lahore.

Project: Constrution of Commercial Plaza Motifz.

Our Ref. No. CL/CE	D/ 4665-1 of 2	Dated:	19-04-24	Test Specification
Your Ref. No.	Nil	Dated:	18-04-24	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	8-04	-24	Tested on:	19-0)4-24	in dry/wet	t condition			je starij
Sr. No.	Mark*		-	Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	. ,	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)		•(/,0)	
1	(3000 Psi)	11	3	2024	6 x 6 x 6		8.4	36	33	2053		Non Engraved
2	(3000 Psi)	13	3	2024	6 x 6 x 6		8	36	64	3982		Non Engraved
3												
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5						NHNE	RIN S					
6					- 2	READ IN	2071					
7						OF THY BORD WHO CREATES	زیجب اندکی خلق ر	133				
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12												
13												
14												
15												
16												
Witness	ed by: Nil											

Witnessed by: Nil

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Civil Engineering Department

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7024 Dr. Umbreen

To: Al-Qadus Construction Company Brother Market Near Ijtimah Chowk Sunder Road, Raiwind Lahore.

Project: Constrution of Commercial Plaza Motifz.

Our Ref. No. CL/CED/ 4665-2 of 2	Dated:	19-04-24	Test Specification
Your Ref. No. Nil	Dated:	18-04-24	(ASTM C39)

-

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	8-04	-24	Tested on:	19-0)4-24	in dry/wet	condition		Ū	je skerg
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	RCC Slab (3000 Psi)	6	4	2024	6Diax12		13.8	28.28	54	4277		Non Engraved
2	RCC Slab (3000 Psi)	6	4	2024	6Diax12		14	28.28	64	5069		Non Engraved
3												
4												
5						N BINE	RIN'S					
6					>	READ IN	2071					
7						OF THY CORD WHO CREATES	رچې ا اند کې خلق ر	103				
8												
9					>	20-		N				
10					<		IORE.					
11												
12												
13												
14												
15												
16												
Witness	ed by: Nil											

Witnessed by: Nil

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Civil Engineering Department

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7036 Dr. Rizwan Riaz

To: Engr. Haseeb Afzal

Project Manager, HMB Developers (Pvt) Ltd.

Project: Construction of Commercial Tower, Finance Trade Centre Lahore (Ground Floor Slab P2 A'~G'/1~4')

Our Ref. No. CL	/CED/ 4666	Dated:	19-04-24	Test Specification
Your Ref. No.	HMBDPL/S.O/04/24/100 (LHR)	Dated:	19-04-24	(ASTM C39)

COMPRESSION TEST REPORT



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

										jčene s	
Mark*		-	Date*	Size (in)	Wet Weight (Kg/ gms)		Area of X-Section (Sq. in)	load	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
CT-93 (3500 Psi)	22	3	2024	6Diax12		14	28.28	70	5545		Non Engraved
CT-93 (3500 Psi)	22	3	2024	6Diax12		14	28.28	66	5228		Non Engraved
CT-93 (3500 Psi)	22	3	2024	6Diax12		14.2	28.28	64	5069		Non Engraved
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	CT-93 (3500 Psi) CT-93 (3500 Psi) CT-93 (3500 Psi) 	DD CT-93 (3500 Psi) 22 CT-93 (3500 Psi) 32 CT-93 (3500 P	DD MM CT-93 (3500 Psi) 22 3 CT-93 (3500 Psi) 3 3 CT-93 (3500 Psi) 3 3 CT-93 (350 Psi) 3 3 CT-93 (350 Psi) 3 3 CT-93 (350 Psi) 3 3 CT-91 Psi 3	DD MMW VYYY CT-93 (3500 Psi) 22 3 2024 CT-93 (3500 Psi) 14 14 14 CT-93 (350 Psi)	DD VMV YYY (in) CT-93 (3500 Psi) 22 3 2024 6Diax12 CT-93 (3500 Psi) 22 3 2024 6Diax12	DD VMM YYYY (in) (Kg/ gms) CT-93 (3500 Psi) 22 3 2024 6Diax12 CT-93 (3500 Psi) 22 3 1 1 1 CT-93 (3500 Psi) 12 3 1 1 1 CT-93 (3500 Psi) 1 1 1 1 1 CT-93 (3500 Psi) 1 1 1 1 1	DD $WW YYY$ (in)(Kg/ gms)(Kg/ gms)CT-93 (3500 Psi)22320246Diax1214CT-93 (3500 Psi)22320246Diax1214.2CT-93 (3500 Psi)223320246Diax1214.2CT-93 (3500 Psi)223320246Diax1214.2CT-93 (3500 Psi)223320246Diax1214.2CT-93 (3500 Psi)11114.2114.21CT-93 (3500 Psi)111111CT-93 (3500 Psi)111111CT-93 (3500 Psi)111111CT-91 (111<	DDVIYY(in)(Kg/ gms)(Kg/ gms)(Sq. in)CT-93 (3500 Psi)22320246Diax121428.28CT-93 (3500 Psi)22320246Diax1214.228.28CT-93 (3500 Psi)203514.228.28CT-93 (3500 Psi)1114.228.28114.21111111111111111111111 <td>DDVVVV(in)(Kg/gms)(Kg/gms)(Sq.in)(Imp.Tons)CT-93 (3500 Psi)22320246Diax121428.28666CT-93 (3500 Psi)22320246Diax1214.228.28664CT-93 (3500 Psi)456.46.4CT-93 (3500 Psi)556.4CT-93 (3500 Psi)566.46.4CT-93 (3500 Psi)66.46.4CT-93 (56<!--</td--><td>DDVIVY(in)(Kg/ gms)(Kg/ gms)(Sq. in)(Imp. Tons)(psi)CT-93 (3500 Psi)22320246Diax121428.28665228CT-93 (3500 Psi)22320246Diax1214.228.286645069CT-93 (3500 Psi)22320246Diax1214.228.286645069CT-93 (3500 Psi)22320246Diax1214.228.28664506914.228.286445069</td><td>DDVMV(in)(Kg/ gms)(Kg/ gms)(Sq. in)(mp. Tons)(ms)$on (\%)$CT-93 (3500 Psi)22320246Diax121428.286665228CT-93 (3500 Psi)22320246Diax121428.286665228CT-93 (3500 Psi)22320246Diax1214.228.286645069CT-93 (3500 Psi)22320246Diax1214.228.286445069T-93 (3500 Psi)22320246Diax1214.228.286445069T-93 (3500 Psi)22320246Diax1214.228.286445069T-93 (3500 Psi)22320246Diax1214.228.28645069T-93 (3500 Psi)22320246Diax1214.228.28645069T-93 (3500 Psi)2135T-93 (3500 Psi)2155</td></td>	DDVVVV(in)(Kg/gms)(Kg/gms)(Sq.in)(Imp.Tons)CT-93 (3500 Psi)22320246Diax121428.28666CT-93 (3500 Psi)22320246Diax1214.228.28664CT-93 (3500 Psi)456.46.4CT-93 (3500 Psi)556.4CT-93 (3500 Psi)566.46.4CT-93 (3500 Psi)66.46.4CT-93 (56 </td <td>DDVIVY(in)(Kg/ gms)(Kg/ gms)(Sq. in)(Imp. Tons)(psi)CT-93 (3500 Psi)22320246Diax121428.28665228CT-93 (3500 Psi)22320246Diax1214.228.286645069CT-93 (3500 Psi)22320246Diax1214.228.286645069CT-93 (3500 Psi)22320246Diax1214.228.28664506914.228.286445069</td> <td>DDVMV(in)(Kg/ gms)(Kg/ gms)(Sq. in)(mp. Tons)(ms)$on (\%)$CT-93 (3500 Psi)22320246Diax121428.286665228CT-93 (3500 Psi)22320246Diax121428.286665228CT-93 (3500 Psi)22320246Diax1214.228.286645069CT-93 (3500 Psi)22320246Diax1214.228.286445069T-93 (3500 Psi)22320246Diax1214.228.286445069T-93 (3500 Psi)22320246Diax1214.228.286445069T-93 (3500 Psi)22320246Diax1214.228.28645069T-93 (3500 Psi)22320246Diax1214.228.28645069T-93 (3500 Psi)2135T-93 (3500 Psi)2155</td>	DDVIVY(in)(Kg/ gms)(Kg/ gms)(Sq. in)(Imp. Tons)(psi)CT-93 (3500 Psi)22320246Diax121428.28665228CT-93 (3500 Psi)22320246Diax1214.228.286645069CT-93 (3500 Psi)22320246Diax1214.228.286645069CT-93 (3500 Psi)22320246Diax1214.228.28664506914.228.286445069	DDVMV(in)(Kg/ gms)(Kg/ gms)(Sq. in)(mp. Tons)(ms) $on (\%)$ CT-93 (3500 Psi)22320246Diax121428.286665228CT-93 (3500 Psi)22320246Diax121428.286665228CT-93 (3500 Psi)22320246Diax1214.228.286645069CT-93 (3500 Psi)22320246Diax1214.228.286445069T-93 (3500 Psi)22320246Diax1214.228.286445069T-93 (3500 Psi)22320246Diax1214.228.286445069T-93 (3500 Psi)22320246Diax1214.228.28645069T-93 (3500 Psi)22320246Diax1214.228.28645069T-93 (3500 Psi)2135T-93 (3500 Psi)2155

Witnessed by: Mr. Ghulam Nabi, CNIC # 35201-1248412-1

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Civil Engineering Department

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7012 Dr. Umbreen

To: Mr. M. Ashraf Javed

Project Incharge, IJAZ COTTON (Pvt) Ltd.

Project: Ijaz Cotton Pvt Ltd. Nabi Baksh 34 KM Ferozepur Road Lahore.

Our Ref. No. CL/CED/ 4667

Your Ref. No. TM-GROUND FLOOR LANTOR

COMPRESSION TEST REPORT



Test Specification

(ASTM C39)

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

Specim	ens received on:	1	7/4/2	024	Tested on:	19/4	/2024	in dry/wet	condition		Ü	jesues
Sr. No.	Mark*	Cas DD	-	Date*	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	3000 Psi	7	4	2024	6Diax12		14.8	28.28	46	3644		Engraved
2	3000 Psi	7	4	2024	6Diax12		14.2	28.28	50	3960		Engraved
3	3000 Psi	7	4	2024	6Diax12		13.4	28.8	42	3267		Engraved
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Witness	ed by:											

Dated:

Dated:

7

19/4/2024

15/4/2024

witnessea by:

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

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

7023 Dr. Umbreen

To: Mr. Rana Muhammad Azeem CEO, AZEEM CONSTRUCTION

Project: Construction of Islamic Center Centeral Park, Lahore.

Our Ref. No. CL/CED/ 4668	Dated:	19/4/2024	Test Specification
Your Ref. No. No. 001	Dated:	18/4/2024	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	8/4/2	024	Tested on:	19/4	/2024	in dry/wet	t condition		Ü	j2.38896
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	C1	3	4	2024	6Diax12		13	28.28	42	3327		Non Engraved
2	C2	3	4	2024	6Diax12		13.6	28.28	40	3168		Non Engraved
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4												
5					1	WHINE	RIAS					
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Witness	ad by:											

Witnessed 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

7020 Dr. Umbreen

To: **IQTEDAR Construction Pvt Ltd** Johar Town, Lahore.

Project: Menu Foods Factory, Tarnol Road, Islamabad.

Our Ref. No. CL/CED/ 4669	Dated:	19/4/2024	Test Specification
Your Ref. No. Nil	Dated:	Nil	(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 18/4/2024 Tested on: 19/4/2024 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	3000 Psi (Washing Area) 3000 Psi	21	3	2024	6Diax12		14.6	28.28	58	4594		Non Engraved
2	3000 Psi (Washing Area)	21	3	2024	6Diax12		14.2	28.28	70	5545		Non Engraved
3												
4												
5						NEINE	RING					
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7						OF THY BORD WHO CREATES	رچې ا اند کې خلق ر	103				
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11												
12										-		
13												
14												
15												
16												
Witness	ed by:											

witnessed by:

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7019 Dr. Umbreen

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

Project: Bismillah Housing Society-2 (Masjid Column)

Our Ref. No. CL/CED/ 4670	Dated:	19/4/2024	Test Specification
Your Ref. No. Nil	Dated:	17-04-24	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	1	8/4/2	024	Tested on:	19/4	/2024	in dry/we	t condition		C	
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	21	3	2024	6Diax12		14	28.28	74	5861		Non Engraved
2	4000 Psi	21	3	2024	6Diax12		14	28.28	60	4752		Non Engraved
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5						THE	RING					
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Witness	sed by:											

Witnessed by:

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

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> 7011 Dr. Umbreen

To: MEEZAN DEVELOPERS

Plaza # 97 Block B, 2nd Floor Main Boulevard Jubilee Town, Lahore.

Project: Construction of Jamia-Tur-Rasheed Lahore Campus

Our Ref. No. CL/CED/ 4671	Dated:	19/4/2024	Test Specification
Your Ref. No. Nil	Dated:	16/4/2024	(ASTM C39)

COMPRESSION TEST REPORT



7



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

Specime	ens received on:	1	6/4/2	024	Tested on:	19/4	/2024	in dry/wet	condition		Ü	jesker
Sr. No.	Mark*	Cas DD	-	Date*	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-2 + C-2	18	2	2024	6Diax12		14	28.28	48	3802		Non Engraved
2	C-2 + C-2	18	2	2024	6Diax12		13.2	28.28	56	4436		Non Engraved
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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

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

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

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

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

1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients) 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



Civil Engineering Department

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

> 7011 Dr. Umbreen

To: MEEZAN DEVELOPERS

Plaza # 97 Block B, 2nd Floor Main Boulevard Jubilee Town, Lahore.

Project: Construction of Jamia-Tur-Rasheed Lahore Campus

Our Ref. No. CL/CED/ 4672	Dated:	19/4/2024	Test Specification
Your Ref. No. Nil	Dated:	16/4/2024	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	10	6/4/2	024	Tested on:	19/4	/2024	in dry/wet	t condition		Ü	je sterij
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	C-4 + C-5	25	2	2024	6Diax12		13.8	28.28	90	7129		Non Engraved
2	C-4 + C-5	25	2	2024	6Diax12		14	28.28	84	6653		Non Engraved
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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

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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.

> 7011 Dr. Umbreen

To: MEEZAN DEVELOPERS

Plaza # 97 Block B, 2nd Floor Main Boulevard Jubilee Town, Lahore.

Project: Construction of Jamia-Tur-Rasheed Lahore Campus

Our Ref. No. CL/CED/ 4673	Dated:	19/4/2024	Test Specification
Your Ref. No. Nil	Dated:	16/4/2024	(ASTM C39)

19/4/2024

in drv/wet condition

COMPRESSION TEST REPORT

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

Specimens received on: 16/4/2024 Tested on:



Specim	ens received on:		0/4/Z	024	rested on:	19/4	/2024	In ary/we	condition		L	i <i>cenea</i> d
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	C-1 + C-1	3	3	2024	6Diax12		14	28.28	64	5069		Non Engraved
2	C-1 + C-1	3	3	2024	6Diax12		14	28.28	72	5703		Non Engraved
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Witnessed by:

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

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

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Supervisor (Lab)



Civil Engineering Department

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

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> 7011 Dr. Umbreen

To: **MEEZAN DEVELOPERS**

Plaza # 97 Block B, 2nd Floor Main Boulevard Jubilee Town, Lahore.

Project: Construction of Jamia-Tur-Rasheed Lahore Campus

Our Ref. No. CL/CED/ 4674	Dated:	19/4/2024	Test Specification
Your Ref. No. Nil	Dated:	16/4/2024	(ASTM C39)

COMPRESSION TEST REPORT

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



Specim	ens received on:	1	6/4/2	024	Tested on:	19/4	/2024	in dry/wet	t condition			
Sr. No.	Mark*	Cas	-	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	C-6 + C-6	21	2	2024	6Diax12		14	28.28	84	6653		Non Engraved
2	C-6 + C-6	21	2	2024	6Diax12		13.6	28.28	48	3802		Non Engraved
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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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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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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> 7011 Dr. Umbreen

To: **MEEZAN DEVELOPERS**

Plaza # 97 Block B, 2nd Floor Main Boulevard Jubilee Town, Lahore.

Project: Construction of Jamia-Tur-Rasheed Lahore Campus

Our Ref. No. CL/CED/ 4675	Dated:	19/4/2024	Test Specification
Your Ref. No. Nil	Dated:	16/4/2024	(ASTM C39)

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.



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.

> 7011 Dr. Umbreen

To: MEEZAN DEVELOPERS

Plaza # 97 Block B, 2nd Floor Main Boulevard Jubilee Town, Lahore.

Project: Construction of Jamia-Tur-Rasheed Lahore Campus

Our Ref. No. CL/CED/ 4676	Dated:	19/4/2024	Test Specification
Your Ref. No. Nil	Dated:	16/4/2024	(ASTM C39)

COMPRESSION TEST REPORT



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

o Canada da	in dry/wet condition				/2024	19/4	Tested on:	024	6/4/2	1(ens received on:	Specim
	Water Absorpti on (%)	Ultimate Stress (psi)	Ultimate load (Imp.Tons)	Area of X-Section (Sq. in)	Dry Weight (Kg/ gms)	Wet Weight	Size (in)	Date* YYYY	-		Mark*	Sr. No.
Engraved		3168	40	28.28	(Rg/ gms) 13.4	(rtg/ gills) 	6Diax12	2024	2	25	C-1 + C-1	1
Engraved		5861	74	28.28	13.6		6Diax12	2024	2	25	C-1 + C-1	2
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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

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

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Civil Engineering Department

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> 7011 Dr. Umbreen

To: MEEZAN DEVELOPERS

Plaza # 97 Block B, 2nd Floor Main Boulevard Jubilee Town, Lahore.

Project: Construction of Jamia-Tur-Rasheed Lahore Campus

Our Ref. No. CL/CED/ 4677	Dated:	19/4/2024	Test Specification
Your Ref. No. Nil	Dated:	16/4/2024	(ASTM C39)

COMPRESSION TEST REPORT



Specim	ens received on:	1	6/4/2	024	Tested on:	19/4	/2024	in dry/wet condition			Ċ	jeskeg				
Sr. No.	Mark*		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	GS-3 + GS-3	19	2	2024	6Diax12		13.6	28.28	56	4436		Non Engraved				
2	GS-3 + GS-3	19	2	2024	6Diax12		13.6	28.28	46	3644		Non Engraved				
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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

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

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

> 7011 Dr. Umbreen

To: **MEEZAN DEVELOPERS**

Plaza # 97 Block B, 2nd Floor Main Boulevard Jubilee Town, Lahore.

Project: Construction of Jamia-Tur-Rasheed Lahore Campus

Our Ref. No. CL/CED/ 4678	Dated:	19/4/2024	Test Specification
Your Ref. No. Nil	Dated:	16/4/2024	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	6/4/2	024	Tested on:	19/4	/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 Stress (psi)	Water Absorpti on (%)	Remarks
1	C-1 + C-1	22	2	2024	6Diax12		13	28.28	52	4119		Non Engraved
2	C-1 + C-1	22	2	2024	6Diax12		13	28.28	64	5069		Non Engraved
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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

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

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Civil Engineering Department

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

7017 Dr. Umbreen

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

Project: Serene Urban Tower			
Our Ref. No. CL/CED/ 4679	Dated:	19/4/2024	Test Specification
Your Ref. No. Nil	Dated:	18/4/2024	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	1	8/4/2	024	Tested on:	19/4	/2024	in dry/we	t condition	Ċ	je slevi									
Sr. No.	Mark*	Cas DD	Casting Date*		-		-		-		-		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	Raft (4000 Psi)	4	4	2024	6Diax12		14	28.28	62	4911		Non Engraved								
2	Raft (4000 Psi)	4	4	2024	6Diax12		14	28.28	83	6574		Non Engraved								
3	Raft (4000 Psi)	4	4	2024	6Diax12		15	28.28	80	6337		Non Engraved								
4	Raft (4000 Psi)	4	4	2024	6Diax12	/	14.6	28.28	84	6653		Non Engraved								
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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.

> 6991 Dr. Umbreen

Test Specification

(BS 3921**)

To: Mr. M. Usman Rauf

Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd. Project: Rehabilitation of Road, Streets & Boundary Wall Graveyard Kot Kamboh, A.I Zone Lahore. (MCL Projects) Our Ref. No. CL/CED/ 4680 Dated: 19/4/2024 Your Ref. No. 4084/103/MUR/104/1825 Dated: 22/3/2024

COMPRESSION TEST REPORT



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

Specimens received on: 04-04			4-04	-24	Tested on:	19-0)4-24	in dry/wet	condition			
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	К3				8.9 x 4.2 x 2.9	3610	3210	37.38	43	2577	12.46	
2	К3				8.8 x 4.1 x 3	3665	3315	36.08	60	3725	10.56	
3	К3				8.9 x 4.2 x 2.9	3630	3250	37.38	50	2996	11.69	
4	К3				8.8 x 4.2 x 2.9	3575	3250	36.96	64	3879	10	
5	К3				8.8 x 4.2 x 2.8	3525	3240	36.96	60	3636	8.8	
6	К3				8.9 x 4.4 x 2.9	3710	3340	39.16	62	3546	11.08	
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients) 2. The test results are recommended to be interpreted in the light of above factors by the engineer.