

**Civil Engineering Department** 

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

7641 Dr. M. Yousaf

To: Mr. Khalid Bashir

Ittefaq Building Solutions Pvt. Ltd.

Project: Construction of Allied Bank Building 185-CC4 DHA T Sector Phase-7, Lahore.

Our Ref. No. CL/	CED/ 5618	Dated:	21-08-24	Test Specification
Your Ref. No.	IBS/LBS-UOL/01	Dated:	19-08-24	(ASTM C39)

# COMPRESSION TEST REPORT



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

Specim	ens received on:	1	9-08	-24	Tested on:	21-0	)8-24	in dry/wet	condition			ONLINE REPORT
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
	1st Floor Slab (3000	00				(rtg/ gills)	(rtg/ gills)		(1111)	(p3)		
1	Psi)	12	8	2024	6Diax12		15	28.28	46	3644		Non Engraved
2	1st Floor Slab (3000 Psi)	12	8	2024	6Diax12		14	28.28	63	4990		Non Engraved
3												
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5						WHINE	RINT					
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7						OF THY CORD WHO CREATES	ز <del>ب</del> ک اند کی خلق ر	133				
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15												
16												
Witness	Vitnesed by: Nil											

#### witnessea by: Nii

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

7641 Dr. M. Yousaf

To: Mr. Khalid Bashir

Ittefaq Building Solutions Pvt. Ltd.

Project: Construction of Allied Bank Building 185-CC4 DHA T Sector Phase-7, Lahore.

Our Ref. No. CL/0	CED/ 5619	Dated:	21-08-24	Test Specification
Your Ref. No.	IBS/LBS-UOL/01	Dated:	19-08-24	(ASTM C39)

# COMPRESSION TEST REPORT



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

Specim	ens received on:	1	9-08	-24	Tested on:	21-0	)8-24	in dry/wet	condition			ONLINE REPORT
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
1	1st Floor Column	2	8	2024	(III) 6Diax12	(rtg/ giii3)	14	28.28	58	(031)		Non Engraved
-	(4000 Psi) 1st Floor Column	-	•	2024			14	20.20				
2	(4000 Psi)	2	8	2024	6Diax12		13	28.28	70	5545		Non Engraved
3												
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7						OF THY CORD WHO CREATES	زیجب الد فی خلق ر	133				
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Witness	Nitnossod by: Nil											

#### witnessea by: Nii

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

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7641 Dr. M. Yousaf

To: Mr. Khalid Bashir

Ittefaq Building Solutions Pvt. Ltd.

Project: Construction of Allied Bank Building 185-CC4 DHA T Sector Phase-7, Lahore.

Our Ref. No. CL/0	CED/ 5620	Dated:	21-08-24	Test Specification
Your Ref. No.	IBS/LBS-UOL/01	Dated:	05-08-24	(ASTM C39)

# COMPRESSION TEST REPORT



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

Specimo	ens received on:	1	9-08	-24	Tested on:	21-0	08-24	in dry/wet	condition			ONLINE REPORT
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 (70)	
1	Mezzanine Floor Slab (3000 Psi)	25	7	2024	6Diax12		14	28.28	62	4911		Non Engraved
2	Mezzanine Floor Slab (3000 Psi)	25	7	2024	6Diax12		13.6	28.28	53	4198		Non Engraved
3												
4												
5						<b>N BINE</b>	RING .					
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Witness	Nitnessed by: Nil											

#### witnessea by: Nii

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Supervisor (Lab)



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7641 Dr. M. Yousaf

To: Mr. Khalid Bashir

Ittefaq Building Solutions Pvt. Ltd.

Project: Construction of Allied Bank Building 185-CC4 DHA T Sector Phase-7, Lahore.

Our Ref. No. CL/	CED/ 5621	Dated:	21-08-24	Test Specification
Your Ref. No.	IBS/LBS-UOL/01	Dated:	05-08-24	(ASTM C39)

# COMPRESSION TEST REPORT



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

Specim	ens received on:	1	9-08	-24	Tested on:	21-0	08-24	in dry/wet	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
	Ground Floor	00			(11)	(rty/ gills)	(rtg/ gills)	(34. 11)	(iiiip.10115)	(psi)		
1	Column (4000 Psi)	16	7	2024	6Diax12		13.2	28.28	75	5941		Non Engraved
2	Ground Floor Column (4000 Psi)	16	7	2024	6Diax12		13.2	28.28	65	5149		Non Engraved
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Witness	Nitnossod by: Nil											

#### witnessea by: Nii

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Supervisor (Lab)



**Civil Engineering Department** 

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7641 Dr. M. Yousaf

To: Mr. Khalid Bashir

Ittefaq Building Solutions Pvt. Ltd.

Project: Construction of Allied Bank Building 185-CC4 DHA T Sector Phase-7, Lahore.

Our Ref. No. CL/	CED/ 5622	Dated:	21-08-24	Test Specification
Your Ref. No.	IBS/LBS-UOL/01	Dated:	23-07-24	(ASTM C39)

# COMPRESSION TEST REPORT



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

Specime	ens received on:	1	9-08	-24	Tested on:	21-0	08-24	in dry/wet	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	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	Basement Slab (3000 Psi)	9	7	2024	6Diax12		13.4	28.28	60	4752		Non Engraved
2	Basement Slab (3000 Psi)	9	7	2024	6Diax12		14	28.28	48	3802		Non Engraved
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Witness	Nitnossod by: Nil											

#### witnessea by: Nii

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Supervisor (Lab)



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7612 Dr. M. Yousaf

To: **Project Manager** 

Sunshine Health Care Private Limited.

Project: Construction of Sunshine Medical Tower Shahdra.

Our Ref. No. CL/CE	D/ 5623	Dated:	21-08-24	Test Specification
Your Ref. No.	Nil	Dated:	13-08-24	(ASTM C39)

# COMPRESSION TEST REPORT

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

Specime	ens received on:	1	3-08	-24	Tested on:	21-0	08-24	in dry/wet	condition			ONLINE REPORT
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
1	Water Dinned	9	7	2024	(III) 6Diax12	(rtg/ gills)	(Kg/ gills) 14	28.28	(IIIIp. 10115) 64	(psi) 5069		Non Engraved
2	Water Dipped	9	7	2024	6Diax12		14	28.28	69	5465		Non Engraved
3	Field Curing	9	7	2024	6Diax12		14	28.28	63	4990		Non Engraved
4	Field Curing	9	7	2024	6Diax12		14	28.28	57	4515		Non Engraved
5	Water Dipped	11	7	2024	6Diax12	<b>NUTINE</b>	13.8	28.28	70	5545		Non Engraved
6	Water Dipped	11	7	2024	6Diax12	READ IN	2014	28.28	72	5703		Non Engraved
7	Field Curing	11	7	2024	6Diax12	OF THY GRATES	التيسير 14. في خلق ا	28.28	70	5545		Non Engraved
8	Field Curing	11	7	2024	6Diax12 🍹		14	28.28	67	5307		Non Engraved
9	Water Dipped	7	8	2024	6Diax12		14	28.28	53	4198		Non Engraved
10	Water Dipped	7	8	2024	6Diax12		14.2	28.28	49	3881		Non Engraved
11	Field Curing	7	8	2024	6Diax12		13.8	28.28	49	3881		Non Engraved
12	Field Curing	7	8	2024	6Diax12		14	28.28	51	4040		Non Engraved
13												
14												
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Witness	Nitrossod by: Nil											

witnessea by: Nii

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

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1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)

2. The test results are recommended to be interpreted in the light of above factors by the engineer.



Project: CONSTRUCTION OF FAIMS FOODS SMC-PVT LTD	124-C QUAID-E-AZAM BUSINESS PARK,									
Our Ref. No. CL/CED/ 5624	Dated: 21-08-24									
Your Ref. No. Nil	Dated: Nil									

# COMPRESSION TEST REPORT

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

Specime	ens received on:	1	3-08	-24	Tested on:	21-0	8-24	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		16	7	2024	6Diax12		14.6	28.28	66	5228		Engraved
2		16	7	2024	6Diax12		15	28.28	64	5069		Engraved
3		16	7	2024	6Diax12		14.6	28.28	70	5545		Engraved
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#### Witnessed by: 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

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## Director/Dy. Director Concrete Laboratory

7606

Test Specification (ASTM C39)



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

7636 Dr. M. Mazhar

To: Mr. Muhammad Atif Khalil

Project Manager, Banu Mukhtar Contracting (Pvt) Limited

Project: Burj-1 by AJWA Builders (Column # 05 Nos. Grids:- B'/5, B'/2a, B'/3, C,D/3)

Our Ref. No. CL/	CED/ 5625	Dated:	21/8/2024	Test Specification
Your Ref. No.	DOC-BMC/AJWA/169	Dated:	19/8/2024	(ASTM C39)

# **COMPRESSION TEST REPORT**



Specim	ens received on:	1	9/8/2	024	Tested on:	21/8	/2024	in dry/we	t condition		Ē	jester
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	6000 Psi	15	7	2024	6Diax12		14	28.28	90	7129		Non Engraved
2	6000 Psi	15	7	2024	6Diax12		13.6	28.28	90	7129		Non Engraved
3	6000 Psi	15	7	2024	6Diax12		14.6	28.28	78	6178		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

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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.



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

7632 Dr. M. Mazhar

## To: MEEZAN DEVELOPERS

Main Boulevard Jubilee Town, Lahore.

Project: Construction of Jamia-Tur-Rasheed Lahore Campus.

Our Ref. No. CL/CE	D/ 5626	Dated:	21/8/2024	Test Specification
Your Ref. No.	Nil	Dated:	19/8/2024	(ASTM C39)

# **COMPRESSION TEST REPORT**



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

Specim	ens received on:	19	9/8/2	024	Tested on:	21/8	/2024	in dry/wet	t condition		0	0 CANER
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	FS-3 + FS-3	20	7	2024	6Diax12		14	28.28	29	2297		Engraved
2	FS-3 + FS-3	20	7	2024	6Diax12		13.2	28.28	27	2139		Engraved
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#### Witnessed by:

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

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

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**Civil Engineering Department** 

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

7631 Dr. M. Mazhar

To: Mr. Muhammad Waseem JAFFAR BUILDERS, Dera Haji Allah Wasaya, Muzaffargarh

Project: Construction of Coca Cola Sunder Green Lahore.

Our Ref. No. CL/CI	ED/ 5627	Dated:	21/8/2024	Test Specification
Your Ref. No.	Nil	Dated:	19/8/2024	(ASTM C39)

7

# **COMPRESSION TEST REPORT**



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

Specim	ens received on:	1	9/8/2	024	Tested on:	21/8	/2024	in dry/we	t condition			o crimento de la crim
Sr. No.	Mark*	Cas DD	ting MM	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		10	8	2024	6Diax12		14	28.28	35	2772		Engraved
2		10	8	2024	6Diax12		13.2	28.28	31	2455		Engraved
3		10	8	2024	6Diax12		13.4	28.28	31	2455		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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**Civil Engineering Department** 

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7588 Dr. M. Mazhar

## To: Project Manager

Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/C	ED/ 5628	Dated:	21/8/2024	Test Specification
Your Ref. No.	SR#3 06	Dated:	12-08-24	(ASTM C39)

7

# **COMPRESSION TEST REPORT**



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

Specimo	ens received on:	1:	2/8/2	024	Tested on:	21/8	/2024	in dry/we	t condition		Ŀ	i <i>center</i>
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		5	12	2023	6Diax12		13.6	28.28	58	4594		Non Engraved
2		5	12	2023	6Diax12		13	28.28	40	3168		Non Engraved
3		5	12	2023	6Diax12		14	28.28	38	3010		Non Engraved
4							-					
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6					),	READ N	2071					
7						OF THY CORD WHO OREATES	زیک اندگی خلق ر	<b>1</b>				
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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

7588 Dr. M. Mazhar

## To: Project Manager

Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/Cl	ED/ 5629	Dated:	21/8/2024	Test Specification
Your Ref. No.	SR#3 06	Dated:	12-08-24	(ASTM C39)

# **COMPRESSION TEST REPORT**



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

Specim	ens received on:	1	2/8/2	024	Tested on:	21/8	/2024	in dry/wet	t condition		0	o cratterio
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1		27	2	2024	6Diax12		13.2	28.28	28	2218		Non Engraved
2		27	2	2024	6Diax12		14.2	28.28	76	6020		Non Engraved
3		27	2	2024	6Diax12		14	28.28	72	5703		Non Engraved
4												
5						NHNE	RING					
6						READ N	2071					
7						OF THY GRO WHO OREATES	ریجب اندکی خلق ر	I FCH				
8					S.R. 1			i No				
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10							IDR <u>F.</u>					
11												
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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.



**Civil Engineering Department** 

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

7588 Dr. M. Mazhar

#### To: **Project Manager**

Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/C	ED/ 5630	Dated:	21/8/2024	Test Specification
Your Ref. No.	SR#3 06	Dated:	12-08-24	(ASTM C39)

# **COMPRESSION TEST REPORT**



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

Specim	mens received on: 12/8/2024 Tested on: 21/8/2024 in dry/wet condition		C	je sterij								
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		10	12	2023	6Diax12		14.2	28.28	62	4911		Non Engraved
2		10	12	2023	6Diax12		14	28.28	64	5069		Non Engraved
3		10	12	2023	6Diax12		13.2	28.28	35	2772		Non Engraved
4												
5					<	THE	RING					
6						READIN						
7						OF THY UCRD WHO CREATES	زیجے۔ اندکی خلق ر					
8					1							
9								~				
10					<	/A	IOR <u>E</u>					
11												
12												
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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 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

7588 Dr. M. Mazhar

## To: Project Manager

Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/C	ED/ 5631	Dated:	21/8/2024	Test Specification
Your Ref. No.	SR#3 06	Dated:	12-08-24	(ASTM C39)

7

# **COMPRESSION TEST REPORT**



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

Specim	ens received on:	1	2/8/2	024	Tested on:	21/8	/2024	in dry/wet	t condition			i Centerio
Sr. No.	Mark*	Cas	ting MM	Date*	Size	Wet Weight (Ka/ ams)	Dry Weight	Area of X-Section	Ultimate load (Imp Tons)	Ultimate Stress (nsi)	Water Absorpti on (%)	Remarks
1		16	1	2024	(III) 6Diax12	(rtg/ giii3)	14.4	28.28	54	(031)		Non Engraved
-		10	-	2024	0010212		14.4	20.20	54	4277		Non Engraved
2		16	1	2024	6Diax12		14.6	28.28	73	5782		Non Engraved
3		16	1	2024	6Diax12		14.4	28.28	42	3327		Non Engraved
4												
5						NHINE	RING					
6					- )	READ IN	2071	<b>X</b>				
7					È	OF THY CREATES	زیجک الدی خلوش	3				
8								5-				
9					5	200						
10					<		IORE.					
11												
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 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

7588 Dr. M. Mazhar

#### To: **Project Manager**

Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/C	ED/ 5632	Dated:	21/8/2024	Test Specification
Your Ref. No.	SR#3 06	Dated:	12-08-24	(ASTM C39)

# **COMPRESSION TEST REPORT**



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

Specim	ens received on:	1	2/8/2	024	Tested on:	21/8	/2024	in dry/we	condition			je na s
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		7	3	2024	6Diax12		13.6	28.28	80	6337		Non Engraved
2		7	3	2024	6Diax12		14	28.28	77	6099		Non Engraved
3		7	3	2024	6Diax12		13.6	28.28	42	3327		Non Engraved
4												
5					<	NEINE	RING					
6					)	READ N	2071					
7						OF THY -CRD WHO CREATES	زیجہ۔ الذ <mark>ک</mark> ی خلق ر	133				-
8								5-				
9					7			~				
10					<		IORE.					
11												
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 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** 

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7588 Dr. M. Mazhar

#### To: **Project Manager**

Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/C	ED/ 5633	Dated:	21/8/2024	Test Specification
Your Ref. No.	SR#3 06	Dated:	12-08-24	(ASTM C39)

# COMPRESSION TEST REPORT



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

Specim	ens received on:	1	2/8/2	024	Tested on:	21/8	/2024	in dry/we	condition			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		24	12	2023	6Diax12		14	28.28	60	4752		Non Engraved
2		24	12	2023	6Diax12		14	28.28	42	3327		Non Engraved
3		24	12	2023	6Diax12		13	28.28	34	2693		Non Engraved
4												
5					<	THE	RING					
6					-	READIN						
7						OF THY HORD WHO OREATES	ر <u>چ</u> ۔ ان <del>د</del> کی خلق ر	£2				
8					S.R. 1							
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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.



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7588 Dr. M. Mazhar

#### To: **Project Manager**

Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/C	ED/ 5634	Dated:	21/8/2024	Test Specification
Your Ref. No.	SR#3 06	Dated:	12-08-24	(ASTM C39)

# **COMPRESSION TEST REPORT**



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

Specim	ens received on:	1:	2/8/2	024	Tested on:	21/8	/2024	in dry/we	condition			jestegi
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		11	12	2023	6Diax12		14	28.28	52	4119		Non Engraved
2		11	12	2023	6Diax12		14.6	28.28	56	4436		Non Engraved
3		11	12	2023	6Diax12		13.6	28.28	36	2851		Non Engraved
4												
5						THE	RING					
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10							IORE					
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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 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

7588 Dr. M. Mazhar

#### To: **Project Manager**

Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/C	ED/ 5635	Dated:	21/8/2024	Test Specification
Your Ref. No.	SR#3 06	Dated:	12-08-24	(ASTM C39)

# **COMPRESSION TEST REPORT**



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

Sr. No.      Mark*      Castryry      Size      Wet (in)      Wet (kg/gms)      Dry Weight (kg/gms)      Area of X-Section (sq. in)      Ultimate load      Ultimate Stress      Water Absorption (%)      Remarks        1       29      12      203      6Diax12       13.4      28.28      38      3010       Non Engraved        2       29      12      203      6Diax12       15      28.28      72      5703       Non Engraved        3       29      12      203      6Diax12       15.      28.28      32      2535       Non Engraved        4 <th>Specim</th> <th>ens received on:</th> <th>1:</th> <th>2/8/2</th> <th>024</th> <th>Tested on:</th> <th>21/8</th> <th>/2024</th> <th>in dry/we</th> <th>t condition</th> <th></th> <th></th> <th>je sterij</th>	Specim	ens received on:	1:	2/8/2	024	Tested on:	21/8	/2024	in dry/we	t condition			je sterij
1     29    12    2023    6Diax12     13.4    28.28    38    3010     Non Engraved      2     29    12    2023    6Diax12     15    28.28    72    5703     Non Engraved      3     29    12    2023    6Diax12     13.4    28.28    32    2535     Non Engraved      4      29    12    2023    6Diax12     13.4    28.28    32    2535     Non Engraved      4	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
2     29    12    2023    6Diax12     15    28.28    72    5703     Non Engraved      3     29    12    2023    6Diax12     13.4    28.28    32    2535     Non Engraved      4                      Non Engraved      4 </td <td>1</td> <td></td> <td>29</td> <td>12</td> <td>2023</td> <td>6Diax12</td> <td></td> <td>13.4</td> <td>28.28</td> <td>38</td> <td>3010</td> <td></td> <td>Non Engraved</td>	1		29	12	2023	6Diax12		13.4	28.28	38	3010		Non Engraved
3     29    12    2023    6Diax12     13.4    28.28    32    2535     Non Engraved      4 <td>2</td> <td></td> <td>29</td> <td>12</td> <td>2023</td> <td>6Diax12</td> <td></td> <td>15</td> <td>28.28</td> <td>72</td> <td>5703</td> <td></td> <td>Non Engraved</td>	2		29	12	2023	6Diax12		15	28.28	72	5703		Non Engraved
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14 <t< td=""><td>13</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<>	13												
15              16	14												
16	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 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

7588 Dr. M. Mazhar

#### To: **Project Manager**

Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/C	ED/ 5636	Dated:	21/8/2024	Test Specification
Your Ref. No.	SR#3 06	Dated:	12-08-24	(ASTM C39)

# **COMPRESSION TEST REPORT**



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

Specim	ens received on:	1:	2/8/2	024	Tested on:	21/8	/2024	in dry/we	wet condition			jestegi
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		18	2	2024	6Diax12		14.4	28.28	56	4436		Non Engraved
2		18	2	2024	6Diax12		13.4	28.28	40	3168		Non Engraved
3		18	2	2024	6Diax12		14	28.28	46	3644		Non Engraved
4												
5						THE	RING					
6					)	READ IN	2071					
7						OF THY -CRD WHO CREATES	زیجب ال <del>ارک</del> ی خلق ر	133				
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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 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

7588 Dr. M. Mazhar

#### To: **Project Manager**

Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/C	ED/ 5637	Dated:	21/8/2024	Test Specification
Your Ref. No.	SR#3 06	Dated:	12-08-24	(ASTM C39)

# COMPRESSION TEST REPORT



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

Specim	pecimens received on: 12/8/2024 Tested on: 21/8/2024 in dry/wet condition		Ĺ	jesteg								
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		29	11	2023	6Diax12		14	28.28	38	3010		Non Engraved
2		29	11	2023	6Diax12		13.4	28.28	34	2693		Non Engraved
3		29	11	2023	6Diax12		14	28.28	42	3327		Non Engraved
4												
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6					)	READ IN	2001					
7						OF THY GRO WHO OREATES	زیجب اندکی خلق ر	i FCH				
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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.



**Civil Engineering Department** 

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

7588 Dr. M. Mazhar

#### To: **Project Manager**

Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/C	ED/ 5638	Dated:	21/8/2024	Test Specification
Your Ref. No.	SR#3 06	Dated:	12-08-24	(ASTM C39)

# **COMPRESSION TEST REPORT**



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

Specim	ens received on:	1	2/8/2	024	Tested on:	21/8	/2024	in dry/wet condition			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		29	2	2024	6Diax12		14.2	28.28	44	3485		Non Engraved
2		29	2	2024	6Diax12		14.2	28.28	64	5069		Non Engraved
3		29	2	2024	6Diax12		14.6	28.28	50	3960		Non Engraved
4												
5					<	THE	RING					
6					>	READ N	2071	<b></b>				
7						OF THY GRATES	ریجے۔ اندکی خلق ر	133				
8												
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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 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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7588 Dr. M. Mazhar

#### To: **Project Manager**

Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/C	ED/ 5639	Dated:	21/8/2024	Test Specification
Your Ref. No.	SR#3 06	Dated:	12-08-24	(ASTM C39)

# **COMPRESSION TEST REPORT**



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

Specim	ecimens received on: 12/8/2024 Tested on: 21/8/2024 in dry/wet condition		C	jesteg								
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		24	11	2023	6Diax12		14.2	28.28	60	4752		Non Engraved
2		24	11	2023	6Diax12		13.6	28.28	59	4673		Non Engraved
3		24	11	2023	6Diax12		14	28.28	36	2851		Non Engraved
4												
5						THE	RING					
6					- /	READ IN	2071	<u> </u>				
7						OF THY -CRD WHO CREATES	ز <del>ب</del> ک اند کی خلق ر					
8					188							
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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 compressive strength

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

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#### To: **Project Manager**

Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/C	ED/ 5640	Dated:	21/8/2024	Test Specification
Your Ref. No.	SR#3 06	Dated:	12-08-24	(ASTM C39)

# **COMPRESSION TEST REPORT**



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

Specim	ens received on:	1	2/8/2	024	Tested on:	21/8	/2024	in dry/we	et condition			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		2	12	2023	6Diax12		14	28.28	30	2376		Non Engraved
2		2	12	2023	6Diax12		13.8	28.28	80	6337		Non Engraved
3		2	12	2023	6Diax12		14	28.28	54	4277		Non Engraved
4												
5						THE	RING					
6					)	READ IN	2071					
7						OF THY -CRD WHO CREATES	ز <del>ب</del> ک ال <del>د کی</del> خلق ر	133				-
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14												
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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

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## To: Project Manager

Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/C	ED/ 5641	Dated:	21/8/2024	Test Specification
Your Ref. No.	SR#3 06	Dated:	12-08-24	(ASTM C39)

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# **COMPRESSION TEST REPORT**



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

Specim	ens received on:	1	2/8/2	024	Tested on:	21/8	/2024	in dry/we	t condition		0	i Centerio
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		12	12	2023	6Diax12		14.6	28.28	64	5069		Non Engraved
2		12	12	2023	6Diax12		13.4	28.28	77	6099		Non Engraved
3		12	12	2023	6Diax12		13.8	28.28	64	5069		Non Engraved
4												
5						WHINE	RINS A					
6						READIN	2071					
7						OF THY 	زیجب الذکی خلق ر					
8					- 88			5				
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13												
14												
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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 compressive strength

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

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#### To: **Project Manager**

Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/C	ED/ 5642	Dated:	21/8/2024	Test Specification
Your Ref. No.	SR#3 06	Dated:	12-08-24	(ASTM C39)

# COMPRESSION TEST REPORT



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

Wet Dry Area of Ultimate Ultim	<sup>ate</sup> Water
Sr. No.  Mark*  Casting Date*  Size  Weight  Weight  X-Section  load  Stress    DD  MM YYYY  (in)  (Kg/ gms)  (Kg/ gms)  (Sq. in)  (Imp.Tons)  (ps	ss Absorpti Remarks on (%)
1 14 2 2024 6Diax12 14.2 28.28 42 332	7 Non Engraved
2 14 2 2024 6Diax12 14 28.28 70 554	5 Non Engraved
3       14      2      2024      6Diax12       14      28.28      60      475	2 Non Engraved
4	
5	
6	
8	
9	
10	
11	
12	
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14	
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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.



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7588 Dr. M. Mazhar

#### To: **Project Manager**

Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/C	ED/ 5643	Dated:	21/8/2024	Test Specification
Your Ref. No.	SR#3 06	Dated:	12-08-24	(ASTM C39)

# COMPRESSION TEST REPORT



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

Specim	ens received on:	1	2/8/2	024	Tested on:	21/8	/2024	in dry/we	condition			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 load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		29	2	2024	6Diax12		14.2	28.28	85	6733		Non Engraved
2		29	2	2024	6Diax12		13.2	28.28	42	3327		Non Engraved
3		29	2	2024	6Diax12		14	28.28	52	4119		Non Engraved
4												
5					<	THE	RING					
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7						OF THY -CRD WHO CREATES	ر <del>ب</del> ک ال <del>ار کی</del> خلق ر	133				-
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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.



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7588 Dr. M. Mazhar

#### To: **Project Manager**

Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/C	ED/ 5644	Dated:	21/8/2024	Test Specification
Your Ref. No.	SR#3 06	Dated:	12-08-24	(ASTM C39)

# **COMPRESSION TEST REPORT**



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

Specim	ens received on:	1	2/8/2	024	Tested on:	21/8	/2024	in dry/we	condition			je na s
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		15	12	2023	6Diax12		14	28.28	70	5545		Non Engraved
2		15	12	2023	6Diax12		15	28.28	64	5069		Non Engraved
3		15	12	2023	6Diax12		14	28.28	52	4119		Non Engraved
4												
5					<	NEINE	RING					
6					)	READIN	2071					
7						OF THY GORD WHO CREATES	ریجب اندکی خلق ر					
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11												
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 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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7588 Dr. M. Mazhar

## To: Project Manager

Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/C	ED/ 5645	Dated:	21/8/2024	Test Specification
Your Ref. No.	SR#3 06	Dated:	12-08-24	(ASTM C39)

7

# **COMPRESSION TEST REPORT**



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

Specimo	ens received on:	1	2/8/2	024	Tested on:	21/8	/2024	in dry/we	t condition		Ŀ	i center di
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		20	11	2023	6Diax12		14.8	28.28	50	3960		Non Engraved
2		20	11	2023	6Diax12		14	28.28	52	4119		Non Engraved
3		20	11	2023	6Diax12		14.6	28.28	56	4436		Non Engraved
4						/						
5					1	WHINE	RING A					
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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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7588 Dr. M. Mazhar

## To: Project Manager

Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/C	ED/ 5646	Dated:	21/8/2024	Test Specification
Your Ref. No.	SR#3 06	Dated:	12-08-24	(ASTM C39)

7

# **COMPRESSION TEST REPORT**



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

Specimo	ens received on:	1:	2/8/2	024	Tested on:	21/8	/2024	in dry/wei	t condition			i ceasead
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		7	11	2023	6Diax12		14	28.28	79	6257		Non Engraved
2		7	11	2023	6Diax12		15	28.28	81	6416		Non Engraved
3		7	11	2023	6Diax12		15	28.28	81	6416		Non Engraved
4												
5						WHINE	RIA S					
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7						OF THY HORD WHO OREATES	ز <u>ع</u> ک اندکی خلق ر					
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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

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7588 Dr. M. Mazhar

#### To: **Project Manager**

Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/C	ED/ 5647	Dated:	21/8/2024	Test Specification
Your Ref. No.	SR#3 06	Dated:	12-08-24	(ASTM C39)

# **COMPRESSION TEST REPORT**



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

Specim	ens received on:	1:	2/8/2	024	Tested on:	21/8	/2024	in dry/wet condition			je slevo	
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		21	2	2024	6Diax12		14	28.28	60	4752		Non Engraved
2		21	2	2024	6Diax12		14	28.28	72	5703		Non Engraved
3		21	2	2024	6Diax12		13.8	28.28	34	2693		Non Engraved
4												
5					<	STINE	RING					
6					)	READ IN	2000					
7						OF THY GRAD WHO OREATES	ر <del>بک</del> اند کی خلق ر					
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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 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** 

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## To: Project Manager

Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/Cl	ED/ 5648	Dated:	21/8/2024	Test Specification
Your Ref. No.	SR#3 06	Dated:	12-08-24	(ASTM C39)

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# **COMPRESSION TEST REPORT**



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

Specim	ens received on:	1	2/8/2	024	Tested on:	21/8	/2024	in dry/we	t condition		Ū	i Cristiana (Cristiana)
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		00			(11)	(rtg/ gills)	(rtg/ gills)	(54. 11)	(iiiip.10115)	(psi)		
1		8	11	2023	6Diax12		14.4	28.28	60	4752		Non Engraved
2		8	11	2023	6Diax12		14	28.28	81	6416		Non Engraved
3		8	11	2023	6Diax12		14	28.28	70	5545		Non Engraved
4												
5						NHNE	RING					
6					🔪	READ IN	2071					
7						OF THY CORD WHO CREATES	ز <del>ب</del> ک اند کی خلق ر	103				
8					- 45							
9					>			N				
10						/ A	IDR <u>E.</u>					
11												
12												
13												
14												
15												
16												
14/demonance law												

### 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

7588 Dr. M. Mazhar

#### To: **Project Manager**

Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/C	ED/ 5649	Dated:	21/8/2024	Test Specification
Your Ref. No.	SR#3 06	Dated:	12-08-24	(ASTM C39)

# **COMPRESSION TEST REPORT**



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

Specimens received on:		12/8/2024		024	Tested on:	21/8/2024		in dry/wet condition				
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		23	2	2024	6Diax12		14	28.28	58	4594		Non Engraved
2		23	2	2024	6Diax12		14	28.28	72	5703		Non Engraved
3		23	2	2024	6Diax12		14	28.28	83	6574		Non Engraved
4												
5					-	THE	RING					
6					-	READIN						
7						OF THY HORD WHO OREATES	ر <u>چ</u> ۔ ان <del>د</del> کی خلق ر	£21				
8					\$¥.			5				
9					-	-		~				
10					<	/A	IOR <u>E</u>					
11												
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

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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.