

**Civil Engineering Department** 

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

6674 Dr. M. Yousaf

To: Mr. Waqas Munir

Admin Manager, Zimbis Knitwears (Pvt) Ltd.

Project: Nil			
Our Ref. No. CL/CED/ 4150	Dated:	12-02-24	Test Specification
Your Ref. No. Nil	Dated:	12-02-24	(ASTM C39)

# **COMPRESSION TEST REPORT**

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

Specimo	ens received on:	1	2-02	-24	Tested on:	12-0	)2-24	in dry/wet condition			ONLINE REPORT	
Sr. No.	Mark*	Cas DD	ting MM	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		28	1	2024	6Diax12		13	28.28	54	4277		Non Engraved
2		28	1	2024	6Diax12		13.6	28.28	58	4594		Non Engraved
3		28	1	2024	6Diax12		13.2	28.28	58	4594		Non Engraved
4		28	1	2024	6Diax12		13.4	28.28	54	4277		Non Engraved
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Witness	Witnessed by: Mr. Mudassar Mehboob, Mr. Aslam											

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

6636 Dr. M. Yousaf

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/C	ED/ 4151	Dated:	12-02-24	Test Specification
Your Ref. No.	MSITT/UET/2024/C-011	Dated:	30-01-24	(ASTM C39)

# COMPRESSION TEST REPORT



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

Specimo	ens received on:	3	0-01	-24	Tested on:	12-0	)2-24	in dry/we	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	43 (5000 Psi)	22	1	2024	6Diax12		13.2	28.28	46	3644		Non Engraved
2	44 (5000 Psi)	22	1	2024	6Diax12		13	28.28	48	3802		Non Engraved
3	46 (5000 Psi)	22	1	2024	6Diax12		13.6	28.28	44	3485		Non Engraved
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Witness	Witnessed by: Nil											

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Supervisor (Lab)



**Civil Engineering Department** 

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

6646 Dr. M. Yousaf

#### To: M. Faisal Bhatti

Construction Manager, Ittefaq Building Solutions Pvt. Ltd.

Project: Construction of Mr. Chugtai Residence at Plot # 74, Muneer Road Cantt. Lahore.

Our Ref. No. CL/CED/ 4152	Dated:	12-02-24	Test Specification
Your Ref. No. Nil	Dated:	31-01-24	(ASTM C39)

# COMPRESSION TEST REPORT

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

Specim	ens received on:	3	1-01	-24	Tested on:	12-0	)2-24	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 Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Omar House, Raft (4000 Psi)	27	12	2023	6Diax12		14	28.28	62	4911		Engraved
2	Omar House, Raft (4000 Psi)	27	12	2023	6Diax12		13.4	28.28	62	4911		Engraved
3	Omar House, Raft (4000 Psi)	27	12	2023	6Diax12		13.2	28.28	68	5386		Engraved
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Witness	od by: Nil		-									

#### witnessea by: Nil

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6646 Dr. M. Yousaf

#### To: M. Faisal Bhatti

Construction Manager, Ittefaq Building Solutions Pvt. Ltd.

Project: Construction of Mr. Chugtai Residence at Plot # 74, Muneer Road Cantt. Lahore.

Our Ref. No. CL/CED/ 4153	Dated:	12-02-24	Test Specification
Your Ref. No. Nil	Dated:	31-01-24	(ASTM C39)

# **COMPRESSION TEST REPORT**

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

Specim	ens received on:	3	1-01	-24	Tested on:	12-0	)2-24	in dry/wet condition			ONLINE REPORT	
Sr. No.	Mark*	Cas	ting	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	Ali House, Column	16	1	2024	6Diax12		13.2	28.28	34	2693		Non Engraved
2	Ali House, Column (4000 Psi)	16	1	2024	6Diax12		13.2	28.28	58	4594		Non Engraved
3	Ali House, Column (4000 Psi)	16	1	2024	6Diax12		13.4	28.28	55	4356		Non Engraved
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Witness												

#### Witnessed by: Nil

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6646 Dr. M. Yousaf

#### To: M. Faisal Bhatti

Construction Manager, Ittefaq Building Solutions Pvt. Ltd.

Project: Construction of Mr. Chugtai Residence at Plot # 74, Muneer Road Cantt. Lahore.

Our Ref. No. CL/CE	D/ 4154	Dated:	12-02-24	Test Specification
Your Ref. No.	Nil	Dated:	31-01-24	(ASTM C39)

# **COMPRESSION TEST REPORT**

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

Specimo	ens received on:	3	1-01	-24	Tested on:	12-0	)2-24	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	Ali House, R-Wall (4000 Psi)	2	1	2024	6Diax12		13	28.28	53	4198		Non Engraved
2	Ali House, R-Wall (4000 Psi)	2	1	2024	6Diax12		13.6	28.28	42	3327		Non Engraved
3	Ali House, R-Wall (4000 Psi)	2	1	2024	6Diax12		13	28.28	46	3644		Non Engraved
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witnessea by: Nil

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6646 Dr. M. Yousaf

#### To: M. Faisal Bhatti

Construction Manager, Ittefaq Building Solutions Pvt. Ltd.

Project: Construction of Mr. Chugtai Residence at Plot # 74, Muneer Road Cantt. Lahore.

Our Ref. No. CL/CED/ 4155	Dated:	12-02-24	Test Specification
Your Ref. No. Nil	Dated:	31-01-24	(ASTM C39)

# **COMPRESSION TEST REPORT**

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

Specime	ens received on:	3	1-01	-24	Tested on:	12-0	)2-24	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	Omar House, R- Wall (4000 Psi)	17	1	2024	6Diax12		14	28.28	63	4990		Non Engraved
2	Omar House, R- Wall (4000 Psi)	17	1	2024	6Diax12		13.2	28.28	48	3802		Non Engraved
3	Omar House, R- Wall (4000 Psi)	17	1	2024	6Diax12		13	28.28	64	5069		Non Engraved
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Witness	ad by Nil											

#### Witnessed by: Nil

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**Civil Engineering Department** 

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

6640 Dr. M. Yousaf

**Test Specification** 

(ASTM C39)

# To:Mr. M. Usman Rauf<br/>Resident Engineer, Highways and Transportation Engineering Division. NESPAK (Pvt) Ltd.<br/>Project: Rehabilitation of Road from Kot Radha Kishan to Kasur Length = 31.00 Km (Phase-I 0.00 to 24.00<br/>Length = 24.00 Km) in District Kasur. (C&W Projects)<br/>Our Ref. No. CL/CED/ 4156Dated:12-02-24Your Ref. No.3811/103/MUR/104/1131Dated:17-01-24

# **COMPRESSION TEST REPORT**



Specimens received on:		30-01-24		-24	Tested on:	12-02-24		in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Casting 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	RCC PILE/ PILE	2	1	2024	6Diax12		13	28.28	85	6733		Non Engraved
2	RCC PILE/ PILE CAP	2	1	2024	6Diax12		13.6	28.28	77	6099		Non Engraved
3	RCC PILE/ PILE CAP	2	1	2024	6Diax12		14	28.28	72	5703		Non Engraved
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#### Witnessed by: Nil

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To:

# Plain and Reinforced Concrete Laboratory

**Civil Engineering Department** 

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6640 Dr. M. Yousaf

Test Specification ( ASTM C39 )

Mr. M. Usman R Resident Engine	Mr. M. Usman Rauf Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd										
Project: Rehabilitation of Road from Kot Radha Kishan to Kasur Length = 31.00 Km (Phase-I 0.00 to 24.00 Length = 24.00 Km) in District Kasur. (C&W Projects)											
Our Ref. No. CL	/CED/ 4157	Dated:	12-02-24								
Your Ref. No.	3811/103/MUR/104/1130	Dated:	17-01-24								

# **COMPRESSION TEST REPORT**



Specimens received on:		30-01-24		-24	Tested on:	12-02-24		in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Girders	2	1	2024	6Diax12		13	28.28	83	6574		Non Engraved
2	Girders	2	1	2024	6Diax12		13.4	28.28	87	6891		Non Engraved
3	Girders	2	1	2024	6Diax12		13.4	28.28	66	5228		Non Engraved
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Witnessed by: Nil

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