

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.

> 6588 Dr. Ubaid

To: Mr. Muhammad Sohail Anjum

Project Manager, MS IT Tower, Lahore.

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

Our Ref. No. CL/CED/ 4060 Dated: 25-01-24 <u>Test Specification</u>

Your Ref. No. MSITT/UET/2024/C-006 Dated: 22-01-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 23-01-24 Tested on: 25-01-24 in dry/wet condition





Sr. No. Mark*		ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
	DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
21 (1960 Psi)	12	1	2024	6Diax12		13.4	28.28	37	2931		Non Engraved
23 (1960 Psi)	12	1	2024	6Diax12		13.4	28.28	35	2772		Non Engraved
25 (1960 Psi)	12	1	2024	6Diax12		13.4	28.28	36	2851		Non Engraved
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	21 (1960 Psi) 23 (1960 Psi) 25 (1960 Psi)	Mark* DD 21 (1960 Psi) 12 23 (1960 Psi) 12 25 (1960 Psi) 12	Mark* DD MM 21 (1960 Psi) 12 1 23 (1960 Psi) 12 1	DD MM YYYY 21 (1960 Psi) 12 1 2024 23 (1960 Psi) 12 1 2024 25 (1960 Psi) 12 1 2024	Mark* DD MM YYYY (in) 21 (1960 Psi) 12 1 2024 6Diax12 23 (1960 Psi) 12 1 2024 6Diax12 25 (1960 Psi) 12 1 2024 6Diax12	Mark* Casting Date* Size Weight	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms)	Mark* Casting Date* Size Weight Weight Weight X-Section (Sq. in)	Mark* Casting Date* Size Weight Weight Weight X-Section load (Imp.Tons)	Mark* Casting Date* Size Weight (Kg/gms) X-Section (Sq. in) (Imp.Tons) Stress (psi) 21 (1960 Psi) 12 1 2024 6Diax12 13.4 28.28 37 2931 23 (1960 Psi) 12 1 2024 6Diax12 13.4 28.28 35 2772 25 (1960 Psi) 12 1 2024 6Diax12 13.4 28.28 36 2851 <	Mark*

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
- 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 comprerssive strength

- 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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> 6588 Dr. Ubaid

To: Mr. Muhammad Sohail Anjum

Project Manager, MS IT Tower, Lahore.

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

Our Ref. No. CL/CED/ 4061 Dated: 25-01-24 **Test Specification**

Your Ref. No. MSITT/UET/2024/C-008 Dated: 22-01-24

COMPRESSION TEST REPORT

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

Specimens received on: 23-01-24 Tested on: 25-01-24 in dry/wet condition



(ASTM C39)



Sr. No.	Sr. No. Mark*		Casting Date*		Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	30 (1960 Psi)	16	1	2024	6Diax12		13	28.28	17	1347		Engraved
2	32 (1960 Psi)	16	1	2024	6Diax12		13.4	28.28	15	1188		Engraved
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14										-		
15							-			-		
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Witness	ed 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
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACl318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 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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> 6588 Dr. Ubaid

To: Mr. Muhammad Sohail Anjum

Project Manager, MS IT Tower, Lahore.

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

Our Ref. No. CL/CED/ 4062 Dated: 25-01-24 <u>Test Specification</u>

Your Ref. No. MSITT/UET/2024/C-007 Dated: 22-01-24

COMPRESSION TEST REPORT

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

Specimens received on: 23-01-24 Tested on: 25-01-24 in dry/wet condition



(ASTM C39)



Sr. No.	Mark*		_	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MIM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	. ()	
1	16 (5000 Psi)	26	12	2023	6Diax12		14.2	28.28	57	4515		Engraved
2	17 (5000 Psi)	26	12	2023	6Diax12		14	28.28	64	5069		Engraved
3	19 (5000 Psi)	26	12	2023	6Diax12		14	28.28	64	5069		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
- 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 comprerssive strength

- 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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> 6588 Dr. Ubaid

To: Mr. Muhammad Sohail Anjum

Project Manager, MS IT Tower, Lahore.

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

Our Ref. No. CL/CED/ 4063 Dated: 25-01-24 <u>Test Specification</u>

Your Ref. No. MSITT/UET/2024/C-005 Dated: 22-01-24

COMPRESSION TEST REPORT

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

Specimens received on: 23-01-24 Tested on: 25-01-24 in dry/wet condition



(ASTM C39)



Sr. No.	Mark*	Cas		Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
				YYYY	(in)	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)		` ,	
1	11 (3000 Psi)	23	12	2023	6Diax12		13.6	28.28	40	3168		Engraved
2	12 (3000 Psi)	23	12	2023	6Diax12		13.2	28.28	43	3406		Engraved
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14												
15							-				-	
16												
	sed by: Nil											

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
- 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 comprerssive strength

- 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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> 6588 Dr. Ubaid

To: Mr. Muhammad Sohail Anjum

Project Manager, MS IT Tower, Lahore.

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

Our Ref. No. CL/CED/ 4064 Dated: 25-01-24 <u>Test Specification</u>

Your Ref. No. MSITT/UET/2024/C-009 Dated: 22-01-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 23-01-24 Tested on: 25-01-24 in dry/wet condition





Sr. No.	Sr. No. Mark*		ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	38 (1960 Psi)	17	1	2024	6Diax12		13	28.28	12	950		Engraved
2	36 (1960 Psi)	17	1	2024	6Diax12		12.2	28.28	15	1188		Engraved
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12							-			I	I	
13												
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15							-			-	-	
16							1			I	I	

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
- 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 comprerssive strength

- 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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> 6568 Dr. Ubaid

To: Mr. M Faisal Bhatti

Construction Manager, Ittefaq Building Solutions (Pvt) Ltd.

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

Our Ref. No. CL/CED/ 4065 Dated: 25-01-24 **Test Specification**

Your Ref. No. Dated: 19-01-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 19-01-24 Tested on: 25-01-24 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Ali House, Retain. Wall (4000 Psi)	2	1	2024	6Diax12		13.2	28.28	53	4198		Non Engraved
2	Ali House, Retain. Wall (4000 Psi)	2	1	2024	6Diax12		13.6	28.28	41	3248		Non Engraved
3	Ali House, Retain. Wall (4000 Psi)	2	1	2024	6Diax12		13.2	28.28	57	4515		Non Engraved
4										-		
5						THE	RING					
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16							1			-		
Witness	sed 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
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACl318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 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.