

**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.

> 6732 Dr. Umbreen

#### To: Mr. SADAT WALEED ANSARI

Chief Resident Engineer/TL, JERS Consultancy (Pvt) Ltd.

Project: Punjab Cities Program (PCP) PMDFC, Construction of SWM Parking area in MC Daska. (M/s Imran<br/>Sharif Constructor).Our Ref. No. CL/CED/4224Dated:19-02-24Your Ref. No.488-J01-102-09-02/CS/08Dated:22-01-24

## **COMPRESSION TEST REPORT**



**Test Specification** 

(----)

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

Specim	imens received on: 19-02-24 Tested on: 19-02-24 in dry/wet condition				ONLINE REPORT							
Sr. No.	Mark*	Cas	Casting Date*		Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Uni Block, Grey, 80mm				3.2 thick		4480	36.99	176	10658		
2	Uni Block, Grey, 80mm				3.2 thick		4605	36.99	150	9084		
3	Uni Block, Grey, 80mm				3.2 thick		4700	36.99	146	8841		
4	Uni Block, Grey, 80mm				3.2 thick		4530	36.99	175	10597		
5	Uni Block, Red, 80mm				3.2 thick	TUR	4670	36.99	144	8720		
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Witness	Witnessed by: Mr. Zubair Khan, PMDFC, Mr. Sheharyar Ahmed, JERS											

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

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

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

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

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

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

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



## Plain and Reinforced Concrete Laboratory Civil Engineering Department

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

6711 Dr. M. Yousaf

#### To: Mr. Muhammad Usman

Lt Commander PN, GE (Navy) Naval Complex Walton Gulberg-III Lahore.

Project: CA No. ENC-N-73/2022- Const. of Sports Complex at PNWC Walton Lahore.

Our Ref. No. CL/	CED/ 4225	Dated:	19-02-24	Test Specification
Your Ref. No.	6024/24/205/E-6	Dated:	01-02-24	(ASTM C39)

## **COMPRESSION TEST REPORT**



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

Specim	ens received on:	1	5-02	-24	Tested on:	19-0	)2-24	in dry/wet condition			ONLINE REPORT	
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	F.F Column	8	12	2023	6Diax12		13.6	28.28	68	5386		Non Engraved
2	F.F Column	8	12	2023	6Diax12		13.2	28.28	74	5861		Non Engraved
3	F.F Column	8	12	2023	6Diax12		13.6	28.28	87	6891		Non Engraved
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Witnessed by: Nil												

witnessed 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 comprensive strength

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

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



**Civil Engineering Department** 

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

6702 Dr. M. Yousaf

To: Mr. Uzair Ahmad **Project Incharge** 

Project: Construction of Hair Club 46.FCC Ch. Zahoor Elahi Road, Gulberg-IV Lahore.

Our Ref. No. CL/CED/ 4226	Dated:	19-02-24	Test Specification
Your Ref. No. Nil	Dated:	14-02-24	(ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on:			4-02	-24	Tested on:	19-0	2-24	in dry/wet	t condition			ONLINE REPORT
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	4000 Psi	25	1	2024	6Diax12		13.2	28.28	74	5861		Non Engraved
2	4000 Psi	25	1	2024	6Diax12		13.4	28.28	86	6812		Non Engraved
3	4000 Psi	25	1	2024	6Diax12		13.6	28.28	79	6257		Non Engraved
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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. \*\*\*\* 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)



P.E. Structural Engineer, UNICEF PCO Project: Construction / Expansion of EPI Ware House at Manga Mandi Lahore, Punjab, Pakistan. (Columns on Grade C4, D4, B8, C8, D8 and D9.) Our Ref. No. CL/CED/ 4227 Dated: 19-02-24 <u>Test Specification</u> Your Ref. No. CT-WH-LHR-01 Dated: 15-02-24 (ASTM C39)

## **COMPRESSION TEST REPORT**



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

Specim	ens received on:	1	5-02	-24	Tested on:	19-0	)2-24	in dry/wet condition				ONLINE REPORT
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	8	2	2024	6Diax12		13	28.28	54	4277		Non Engraved
2	4000 Psi	8	2	2024	6Diax12		13.2	28.28	39	3089		Non Engraved
3	4000 Psi	8	2	2024	6Diax12		13	28.28	50	3960		Non Engraved
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Witnessed 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 comprensive strength

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

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

Supervisor (Lab)



**Civil Engineering Department** 

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6710 Dr. M. Yousaf

#### To: PM

Quality Construction Company, Engineers & Contractors, 41-D, Nawab Town, Lhr

Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore

Our Ref. No. CL/CED/ 4228	Dated:	19-02-24	Test Specification
Your Ref. No. Nil	Dated:	Nil	(ASTM C39)

## **COMPRESSION TEST REPORT**



Specim	ens received on:	1	4-02	-24	Tested on:	19-0	)2-24	in dry/wet condition			ONLINE REPORT	
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	RCC Slab Silo #02 (3000 Psi)	8	7	2023	6Diax12		13.8	28.28	83	6574		Non Engraved
2	RCC Slab Silo #02 (3000 Psi)	8	7	2023	6Diax12		13.8	28.28	70	5545		Non Engraved
3	RCC Slab Silo #02 (3000 Psi)	8	7	2023	6Diax12		13.6	28.28	52	4119		Non Engraved
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Witnessed by: Nil												

#### Witnessed by: Nil

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

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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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6710 Dr. M. Yousaf

#### To: PM

Quality Construction Company, Engineers & Contractors, 41-D, Nawab Town, Lhr

Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore

Our Ref. No. CL/CED/ 4229	Dated:	19-02-24	Test Specification
Your Ref. No. Nil	Dated:	Nil	(ASTM C39)

## **COMPRESSION TEST REPORT**



Specim	ens received on:	14-02-24 Tested on: 19-02-24 in dry/wet condition				ONLINE REPORT						
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)		Water Absorpti on (%)	Remarks
1	Trench Wall Silo #12 (3000 Psi)	14	10	2023	6Diax12		14	28.28	50	3960		Non Engraved
2	Trench Wall Silo #12 (3000 Psi)	14	10	2023	6Diax12		13.8	28.28	58	4594		Non Engraved
3	Trench Wall Silo #12 (3000 Psi)	14	10	2023	6Diax12		13.2	28.28	49	3881		Non Engraved
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#### Witnessed by: Nil

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

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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)



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6710 Dr. M. Yousaf

#### To: PM

Quality Construction Company, Engineers & Contractors, 41-D, Nawab Town, Lhr

Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore

Our Ref. No. CL/CED/ 4230	Dated:	19-02-24	Test Specification
Your Ref. No. Nil	Dated:	Nil	(ASTM C39)

## **COMPRESSION TEST REPORT**



Specimens received on:		1	4-02	-24	Tested on:	19-0	)2-24	in dry/wet	condition			ONLINE REPORT
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	RCC Slab Silo #06 (3000 Psi)	7	12	2023	6Diax12		13.6	28.28	67	5307		Non Engraved
2	RCC Slab Silo #06 (3000 Psi)	7	12	2023	6Diax12		14	28.28	78	6178		Non Engraved
3	RCC Slab Silo #06 (3000 Psi)	7	12	2023	6Diax12		14.6	28.28	48	3802		Non Engraved
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Witnessed by: Nil												

#### Witnessed by: Nil

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

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6710 Dr. M. Yousaf

#### To: PM

Quality Construction Company, Engineers & Contractors, 41-D, Nawab Town, Lhr

Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore

Our Ref. No. CL/CED/ 4231	Dated:	19-02-24	Test Specification
Your Ref. No. Nil	Dated:	Nil	(ASTM C39)

## **COMPRESSION TEST REPORT**



Specim	ens received on:	1	4-02	-24	Tested on:	19-0	)2-24	in dry/wet condition			ONLINE REPORT	
Sr. No.	Mark*	Cas	Casting Date*		Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Silo #10 Trench Wall (3000 Psi)	28	1	2024	6Diax12		14.6	28.28	72	(p3i) 5703		Non Engraved
2	Silo #10 Trench Wall (3000 Psi)	28	1	2024	6Diax12		14.4	28.28	36	2851		Non Engraved
3	Silo #10 Trench Wall (3000 Psi)	28	1	2024	6Diax12		14	28.28	60	4752		Non Engraved
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	ed 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)

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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

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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)



**Civil Engineering Department** 

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



To: M. Saleem Construction Company

Engineers & Contractors, Lahore Road, Sheikhupura.

Project: Extension of Compressor Room Tapal Tea.

Our Ref. No. CL/CED/ 4232	Dated: 19-02-24	Test Specification
Your Ref. No. Cube Test	Dated: 16-02-24	(BS 1881-116)

## **COMPRESSION TEST REPORT**



Specim	ens received on:	16-02-24 Tested on:		Tested on:	19-02-24		in dry/wet condition				ONLINE REPORT	
Sr. No.	Mark*		-	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	1-2nd Slab	28	1	2024	6x6x6		8.6	36	102	6347		Engraved
2	1-2nd Slab	28	1	2024	6x6x6		8.8	36	103	6409		Engraved
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Witness	ed 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 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** 

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6720 Dr. M.Yousaf

To: M. Saleem Construction Company

Engineers & Contractors, Lahore Road, Sheikhupura.

Project: Extension of Compressor Room Tapal Tea

Our Ref. No. CL/CED/ 4233	Dated: 19-02-24	Test Specification
Your Ref. No. Cube Test	Dated: 16-02-24	(BS 1881-116)

## **COMPRESSION TEST REPORT**



Specim	ens received on:	1	6-02	-24	Tested on:	19-0	)2-24	in dry/wet	t condition			ONLINE REPORT
Sr. No.	Mark*		-	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	1-Column C-1, Roof Slab 1-Column C-1, Roof	29	1	2024	6x6x6		8.2	36	76	4729		Engraved
2	1-Column C-1, Roof Slab	29	1	2024	6x6x6		8.8	36	71	4418		Engraved
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Witness	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)

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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.



**Civil Engineering Department** 

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6720 Dr. M.Yousaf

To: M. Saleem Construction Company

Engineers & Contractors, Lahore Road, Sheikhupura.

Project: Extension of Compressor Room Tapal Tea

Our Ref. No. CL/CED/ 4234	Dated:	19-02-24	Test Specification
Your Ref. No. Cube Test	Dated:	16-02-24	( BS 1881-116 )

## **COMPRESSION TEST REPORT**



Specim	ens received on:	16-02-24 Tes		Tested on:	19-02-24		in dry/wet condition				ONLINE REPORT	
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	Roof Slab	6	2	2024	6x6x6		8.6	36	86	5351		Engraved
2	Roof Slab	6	2	2024	6x6x6		8.6	36	93	5787		Engraved
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7					È	OF THY -UORD WHC OREATES	زیجی۔ الذکی خلوش ا					
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Witnessed 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 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

6720 Dr. M.Yousaf

To: M. Saleem Construction Company

Engineers & Contractors, Lahore Road, Sheikhupura.

Project: Extension of Compressor Room Tapal Tea

Our Ref. No. CL/CED/ 4235	Dated: 19-02-24	Test Specification
Your Ref. No. Cube Test	Dated: 16-02-24	( BS 1881-116 )

## **COMPRESSION TEST REPORT**



Specim	ens received on:	1	6-02	-24	Tested on:	19-0	)2-24	in dry/we	condition			ONLINE REPORT
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	2nd Slab Beam, B-2	24	1	2024	6x6x6		8.6	36	77	4791		Engraved
2	2nd Slab Beam, B-2	24	1	2024	6x6x6		8.6	36	79	4916		Engraved
3												
4							-					
5					-	NHNE	RING					
6						READ IN	2000					
7						OF THY GRO WHO OREATES	ر <del>بک</del> اند کی خلق ر					
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Witnood	ad 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

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**Civil Engineering Department** 

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



To: M. Saleem Construction Company

Engineers & Contractors, Lahore Road, Sheikhupura.

Project: Extension of Compressor Room Tapal Tea

Our Ref. No. CL/CED/ 4236	Dated: 19-02-24	Test Specification
Your Ref. No. Cube Test	Dated: 16-02-24	( BS 1881-116 )

## **COMPRESSION TEST REPORT**



Specime	ens received on:	1	6-02	-24	Tested on:	19-0	)2-24	in dry/we	t condition			ONLINE REPORT
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	Roof Slab Beam	3	2	2024	6x6x6		9	36	85	5289		Engraved
2	Roof Slab Beam	3	2	2024	6x6x6		8.6	36	101	6284		Engraved
3												
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5						THE	RING A					
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7					- È	OF THY CORD WHO OREATES	زیجک ان کی خلق ر	-				
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Witnoss	ed 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 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.



Our Ref. No. CL/C	ED/ 4237	Dated:	19-02-24	Test Specification
Your Ref. No.	AEE-I/CCD-I/LHR/380	Dated:	12-05-23	( BS 1881-116 )

## **COMPRESSION TEST REPORT**



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

Specim	1	5-02	-24	Tested on:	19-0	)2-24	in dry/we	condition			ONLINE REPORT	
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	(1:2:4)	12	4	2023	6x6x6		8.8	36	64	3982		Non Engraved
2	(1:2:4)	12	4	2023	6x6x6		8	36	57	3547		Non Engraved
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5					<	THINE	RING					
6					)		2071					
7						OF THY GREATES	رچې ا اند کې خلق ر					
8												
9					7			<b>N</b>				
10					<	-LA	IOR <u>E</u>					
11												
12												
13												
14												
15												
16												
Witness	Witnessed 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 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)



## Plain and Reinforced Concrete Laboratory **Civil Engineering Department**

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



6715 Dr. M.Yousaf

To: Assistant Executive Engineer-I Central Civil Division-I, Pak. P.W.D Lahore.

Project: Construction of PCC, Water Supply & Sewerage in UC-48 (PH-II) of District Lahore. (2/12)

Our Ref. No. CL	/CED/ 4238	Dated:	19-02-24	Test Specification
Your Ref. No.	AEE-III/CCD-II/LHR/66	Dated:	07-04-23	( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on:		1	5-02	-24	Tested on:	19-0	)2-24	in dry/we	condition			ONLINE REPORT
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	(1:2:4)	8	3	2023	6x6x6		8	36	63	3920		Non Engraved
2	(1:2:4)	8	3	2023	6x6x6		8.6	36	90	5600		Non Engraved
3	(1:2:4)	8	3	2023	6x6x6		8.4	36	113	7031		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					
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Witness	Witnessed by: Nil											

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)



**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.

6692 Dr. M. Yousaf

To: Mr. Shehzad Ahmed

CEO Karsaaz Block and Tiles Factory, Sanjwal, District, Attock.

Project: Nil			
Our Ref. No. CL/CED/ 4239	Dated:	19-02-24	Test Specification
Your Ref. No. Nil	Dated:	Nil	( )

## **COMPRESSION TEST REPORT**

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

Specimens received on: 13			3-02	-24	Tested on:	19-0	)2-24	in dry/wet	t condition			ONLINE REPORT
Sr. No.	Mark*		-	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	Solid Block				12 x 6 x 8		19	72	21	653		
2	Solid Block				12 x 6 x 8		20	72	34.5	1073		
3												
4												
5					<	THE	RING					
6					)	READ IN	2071					
7						OF THY BORD WHC CREATES	رچې ا اند کې خلق ر					
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9					2			<b>N</b>				
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13												
14												
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Witnessed by:												

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

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)