

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
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/

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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											

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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

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/

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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.

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

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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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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

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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

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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/ 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/

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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

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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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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
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4							-					
5					-	NHNE	RING					
6						READ IN	2000					
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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/

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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
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5						THE	RING A					
6),	REAUN	2071					
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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/

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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.



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					
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11												
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16												
Witness	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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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
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5					-	THE	RING			-		
6					-	READIN						
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16												
Witness	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

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		
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4												
5					<	THE	RING					
6)	READ IN	2071					
7						OF THY BORD WHC CREATES	رچې ا اند کې خلق ر					
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Witnessed by:												

Witnessed by:

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