

Plain and Reinforced Concrete Laboratory 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.

8079 Dr. Asad Gilani

To:	Major (Muhammad Umar)
	For Commanding Officer, 18 Engineer Battalion Lahore Cantonment.

Project: Construction of Boundary Wall Mehfooz Shaheed Garrison.

Our Ref. No. CL/	CED/ 6254	Dated:	25-10-24	Test Specification
Your Ref. No.	607-Genral	Dated:	23-10-24	()

COMPRESSION TEST REPORT



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

Specim	ens received on:	2	3-10	-24	Tested on:	25-1	10-24	in dry/we	t condition		[jeste g
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	Planks				1.8x1.8x1.9		300	3.24	10	6914		Cut Cube
2	Planks				2.0x1.8x1.9		300	3.6	5	3111		Cut Cube
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Witness	sed by:											

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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7998 Dr. Asad Gilani

To: Mr. Muhammad Wagas Site Incharge, THE SESCON Private Limited, Bahria Town Phase 8, Rawalpindi

Project: Remodeling of Shop Stop as Premium Shop at PSO FS Magic River Lahore

Our Ref. No. CL	/CED/ 6255	Dated:	25/10/2024	Test Specification
Your Ref. No.	Requisitions/2024-25/018	Dated:	14/10/2024	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specim	ens received on:	14	/10/2	2024	Tested on:	25/10)/2024	in dry/we	t condition		Ċ	1783.8896
Sr. No.	Mark*		-	Date*	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		16	9	2024	6x6x6		8.2	36	87	5413		Engraved
2		16	9	2024	6x6x6		8.2	36	97	6036		Engraved
3		16	9	2024	6x6x6		8.4	36	89	5538		Engraved
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Supervisor (Lab)



Civil Engineering Department

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8066 Dr. Qasim Khan

To: M. Saleem Construction Company Engineers & Contractors Lahore Road, Sheikhupura.

Project: Construction of Lime Stone Powder Storage Silo. (Beam B-1A line A Grid 1 to 2 level 2270)

Our Ref. No. CL/	CED/ 6256	Dated:	25/10/2024	Test Specification
Your Ref. No.	Cylinder Test	Dated:	22/10/2024	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	22	2/10/2	2024	Tested on:	25/10)/2024	in dry/we	t condition		Ċ	je steri
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		1	9	2024	6Diax12		13.2	28.28	66	5228		Engraved
2		1	9	2024	6Diax12		13.2	28.28	58	4594		Engraved
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8066 Dr. Qasim Khan

To: M. Saleem Construction Company Engineers & Contractors Lahore Road, Sheikhupura.

Project: Construction of Lime Stone Powder Storage Silo.

Our Ref	No.	CL/CED/	6257
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Your Ref. No. Cylinder Test

COMPRESSION TEST REPORT



Test Specification

(ASTM C39)

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

Specim	ens received on:	22	2/10/2	2024	Tested on:	25/10)/2024	in dry/we	condition		Ü	1723.8895
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Column-Line A Grid 1,2	24	9	2024	6Diax12		13	28.28	61	4832		Engraved
2	1,2 Column-Line A Grid 1,2	24	9	2024	6Diax12		13.2	28.28	67	5307		Engraved
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Dated:

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25/10/2024

22/10/2024

Witnessed by:

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8054 Dr. Qasim Khan

То:	Assistant Manag Rawalpindi Divis	er (P&MC) ion North Zone, PUNJAB AAB-E-PAK AUTHOR	ΙΤΥ								
	Project: Tender No. DIR (P&C)/79- Installation of Water Filtration Plant at Village Dhoong, Tehsil Gujar Khan, District Rawalpindi.										
	Our Ref. No. CL/	CED/ 6258	Dated:	25/10/2024	Test Specification						
	Your Ref. No.	PAPA/DM(P&MC)/RWP/10-041/11-15	Dated:	04-10-24	(ASTM C39)						

COMPRESSION TEST REPORT



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

Specim	ens received on:	22	2/10/2	2024	Tested on:	25/10)/2024	in dry/wet	condition			i esteri
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	(1:4:8)	24	9	2024	6Diax12		14	28.28	47	3723		Non Engraved
2	(1:2:4)	24	9	2024	6Diax12		13.4	28.28	81	6416		Non Engraved
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8043 Dr. Qasim Khan

To: Mr. Mirza Muhammad Abdullah

Senior Resident Engineer, HA Consulting, Johar Town, Lahore

Project: Construction of DELTA #10 NASTP PHASE-03 at PAF Air Base Lahore

Our Ref. No. CL	/CED/ 6259	Dated:	25/10/2024	Test Specification
Your Ref. No.	24/HAC/NASTP/1300	Dated:	13/10/2024	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	21	/10/2	2024	Tested on:	25/10)/2024	in dry/wet condition			Ü	12.3. 8 .96
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Pouring of Footing (3000 Psi)	16	9	2024	6Diax12		12.6	28.28	55	4356		Non Engraved
2	Pouring of Footing (3000 Psi)	16	9	2024	6Diax12		12.4	28.28	30	2376		Non Engraved
3	Pouring of Footing (3000 Psi)	16	9	2024	6Diax12		13.8	28.28	47	3723		Non Engraved
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Witness	sed by:											

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8043 Dr. Qasim Khan

To: Mr. Mirza Muhammad Abdullah

Senior Resident Engineer, HA Consulting, Johar Town, Lahore

Project: Construction of DELTA #10 NASTP PHASE-03 at PAF Air Base Lahore

Our Ref. No. CL/	(CED/ 6260	Dated:	25/10/2024	Test Specification
Your Ref. No.	24/HAC/NASTP/1301	Dated:	15-10-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	21	/10/2	2024	Tested on:	25/10)/2024	in dry/wet condition			Ü	j&33896
Sr. No.	Mark*		-	Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
1	Pouring of Footing	18	9	YYYY 2024	(in) 6Diax12	(Kg/ gms) 	(Kg/ gms) 13	(Sq. in) 28.28	(Imp.Tons) 40	(psi) 3168		Non Engraved
2	(3000 Psi) Pouring of Footing	18	9	2024	6Diax12		13.2	28.28	51	4040		Non Engraved
3	(3000 Psi) Pouring of Footing	18	9	2024	6Diax12		13.2	28.28	58	4040		Non Engraved
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8043 Dr. Qasim Khan

To: Mr. Mirza Muhammad Abdullah

Senior Resident Engineer, HA Consulting, Johar Town, Lahore

Project: Construction of DELTA #10 NASTP PHASE-03 at PAF Air Base Lahore.

Our Ref. No. CL/	(CED/ 6261	Dated:	25/10/2024	Test Specification
Your Ref. No.	24/HAC/NASTP/1302	Dated:	15/10/2024	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	21	/10/2	2024	Tested on:	25/10)/2024	in dry/wet condition			Ö	12.33£96
Sr. No.	Mark*		-	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	Lean Concrete	18	9	2024	6Diax12		13	28.28	50	3960		Non Engraved
2	Lean Concrete	18	9	2024	6Diax12		12	28.28	15	1188		Non Engraved
3	Lean Concrete	18	9	2024	6Diax12		12.4	28.28	66	5228		Non Engraved
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Witness	ed by:											

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8082 Dr. Qasim Khan

To: Resident Engineer

Al-Imam Enterprises (Pvt) Ltd, Model Town Extension, Lahore.

 Project: Construction of Zonal Office Building of Bank Al Habib Limited, Main Boulevard Gulberg, Lahore (Civil & Structure Works Package)

 Our Ref. No. CL/CED/
 6262
 Dated:
 25/10/2024

 Your Ref. No.
 Alm/BAHL/1024/2410
 Dated:
 24/10/2024

COMPRESSION TEST REPORT



Test Specification

(ASTM C39)

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

Specimo	ens received on:	24	1/10/2	2024	Tested on:	25/10)/2024	in dry/wet condition			Ë	jester
Sr. No.	Mark*	Cas DD	-	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	8000 Psi	17	10	2024	6Diax12		13.6	28.28	85	6733		Non Engraved
2	8000 Psi	17	10	2024	6Diax12		13.4	28.28	83	6574		Non Engraved
3	8000 Psi	17	10	2024	6Diax12		14	28.28	81	6416		Non Engraved
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8074 Dr. Qasim Khan

To: Mr. Muhammad Saddique Head QA/QC, AL-A'ZAMIYYA PHASE-I, Township, Lahore

Project: Nil				
Our Ref. No. CL/	CED/ 6263	Dated:	25/10/2024	Test Specification
Your Ref. No.	Alz./CT/UET/017	Dated:	23/10/2024	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	23	8/10/2	2024	Tested on:	25/10)/2024	in dry/wet condition			Ü	j2.3389j
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	3000 Psi	9	10	2024	6Diax12		12	28.28	52	4119		Non Engraved
2	3000 Psi	9	10	2024	6Diax12		13	28.28	48	3802		Non Engraved
3	3000 Psi	9	10	2024	6Diax12		13.6	28.28	54	4277		Non Engraved
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8086 Dr. Qasim Khan

To: **JR Private Limited**

Cavalry Ground Ext. Lahore Cantt.

Project: CONSTRUCTION OF SPORTS COMPLEX AT DHA PHASE-V LAHORE.

Our Ref. No. CL/CED/ 6264-1 of 2	Dated:	25/10/2024	Test Specification
Your Ref. No. Nil	Dated:	23/10/2024	(ASTM C39)

COMPRESSION TEST REPORT

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

Specime	24/10/2024			Tested on:	on: 25/10/2024		in dry/wet condition					
Sr. No.	Mark*	Casting Date*		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	RCC Grade Slab (4000 Psi)	26	9	2024	6Diax12		13.4	28.28	82	6495		Non Engraved
2	RCC Grade Slab (4000 Psi)	26	9	2024	6Diax12		14.8	28.28	70	5545		Non Engraved
3	RCC Grade Slab (4000 Psi)	26	9	2024	6Diax12		13.4	28.28	78	6178		Non Engraved
4	RCC Grade Slab (4000 Psi)	26	9	2024	6Diax12		14	28.28	86	6812		Non Engraved
5	RCC Grade Slab (4000 Psi)	26	9	2024	6Diax12	THE	RI/14	28.28	84	6653		Non Engraved
6	RCC Grade Slab (4000 Psi)	26	9	2024	6Diax12	KEAU N	13.8	28.28	87	6891		Non Engraved
7	RCC Grade Slab (4000 Psi)	28	9	2024	6Diax12	OF THY CORD WHO OREATES	12.8	28.28	63	4990		Non Engraved
8	RCC Grade Slab (4000 Psi)	28	9	2024	6Diax12		13.8	28.28	85	6733		Non Engraved
9	RCC Grade Slab (4000 Psi)	28	9	2024	6Diax12	20-	13.8	28.28	92	7287		Non Engraved
10	RCC Grade Slab (4000 Psi)	28	9	2024	6Diax12		14.2	28.28	84	6653		Non Engraved
11	RCC Grade Slab (4000 Psi)	28	9	2024	6Diax12		14	28.28	87	6891		Non Engraved
12	RCC Grade Slab (4000 Psi)	28	9	2024	6Diax12		14	28.28	63	4990		Non Engraved
13												
14												
15												
16												

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

8086 Dr. Qasim Khan

To: JR Private Limited

Cavalry Ground Ext. Lahore Cantt.

Project: CONSTRUCTION OF SPORTS COMPLEX AT DHA PHASE-V LAHORE

Our Ref. No. CL/CED/ 6264-2 of 2	Dated:	25/10/2024	Test Specification
Your Ref. No. Nil	Dated:	23/10/2024	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	24	/10/2	2024	Tested on:	25/10)/2024	in dry/wet	condition			
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 Grade Slab (4000 Psi)	29	9	2024	6Diax12		14.6	28.28	83	6574		Non Engraved
2	RCC Grade Slab (4000 Psi)	29	9	2024	6Diax12		14	28.28	95	7525		Non Engraved
3	RCC Grade Slab (4000 Psi)	29	9	2024	6Diax12		13.8	28.28	85	6733		Non Engraved
4	RCC Grade Slab (4000 Psi)	29	9	2024	6Diax12		13.4	28.28	59	4673		Non Engraved
5	RCC Grade Slab (4000 Psi)	29	9	2024	6Diax12	STATI	RI/14	28.28	74	5861		Non Engraved
6	RCC Grade Slab (4000 Psi)	29	9	2024	6Diax12	KEAU N	14.6	28.28	74	5861		Non Engraved
7					- È	OF THY CORD WHO CREATES	رتيک الد کې خلق ر	13				
8												
9								2				
10					<	LA	IOR <u>E</u>					
11												
12												
13												
14												
15												
16												
Witness	ed by:											

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.

Supervisor (Lab)



Civil Engineering Department

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

8073 Dr. Qasim Khan

Test Specification

(ASTM C39)

To: THE FIRST BRICK (PVT SMC) Ltd 69-71 Ravi Road, Lahore.

> **Project: RAVI BUSINESS CENTER** Our Ref. No. CL/CED/ 6265 Your Ref. No. Nil

COMPRESSION TEST REPORT

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

Specim	ens received on:	23	8/10/2	2024	Tested on:	25/10)/2024	in dry/wet condition			Ü	jester
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Kq/ qms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	5000 Psi	15	9	2024	6Diax12		14	28.28	90	7129		Non Engraved
2	5000 Psi	15	9	2024	6Diax12		13.4	28.28	68	5386		Non Engraved
3	5000 Psi	15	9	2024	6Diax12		14.8	28.28	69	5465		Non Engraved
4	5000 Psi	30	9	2024	6Diax12	/	13.4	28.28	76	6020		Non Engraved
5	5000 Psi	30	9	2024	6Diax12	NHNE	RI/14	28.28	85	6733		Non Engraved
6	5000 Psi	30	9	2024	6Diax12	READIN	14	28.28	73	5782		Non Engraved
7						OF THY 	زیجی ان کی خلق ر	£2				
8					S.R. 1			5				
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16												
Witnessed by:												

Dated:

Dated:

25/10/2024

22/10/2024

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

ORIGINAL
A carbon copy for
the report has
been retained in
the lab for record.

8055 Dr. Qasim Khan

To: CM ENGINEERING (PVT) LTD Quaid-e-Azam Town College Road, Lahore.

> Project: TAWAL Project Site ID: TWPLHR0195 Our Ref. No. CL/CED/ 6266

Your Ref. No. CME/Cubes/Tawal/2105

COMPRESSION TEST REPORT



Test Specification

(BS 1881-116)

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

Specime	ens received on:	2	2-10	-24	Tested on:	25/10	/2024	in dry/wet	condition				
Sr. No.	Mark*		_	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)		Water Absorpti on (%)	Remarks	
1	Tower Columns (1:1.5:3)	28	9	2024	6x6x6		7.6	36	43	2676		Non Engraved	
2	Tower Columns (1:1.5:3)	28	9	2024	6x6x6		7.6	36	66	4107		Non Engraved	
3													
4													
5					<	THE	RING						
6					/ 4	KEAU N	2071						
7					È	OF THY -CRD WHC CREATES	ز ع ے۔ ان کی خلق ر						
8								S,					
9					3	200	100	₹					
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11													
12													
13													
14													
15													
16													

Dated:

Dated:

25/10/2024

05-10-24

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.

Supervisor (Lab)



Civil Engineering Department

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

8055 Dr. Qasim Khan

To: **CM ENGINEERING (PVT) LTD** Quaid-e-Azam Town College Road, Lahore.

Project: TAWAL Project Site ID: TWPJLM0003 Our Ref. No. CL/CED/ 6267

Your Ref. No. CME/Cubes/Tawal/2104

COMPRESSION TEST REPORT



Test Specification

(BS 1881-116)

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

	Mark* ower Raft (1:1.5:3) ower Raft (1:1.5:3)		-	Date* YYYY 2024	Size (in) 6x6x6	Wet Weight (Kg/ gms)	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Demerika
2 To	ower Raft (1:1.5:3)		-	2024	67676		(Kg/ gms)	(Sq. in)	(Imp.Tons)		on (%)	Remarks
		22	9		0.000		8.2	36	54	3360		Non Engraved
3				2024	6x6x6		8	36	49	3049		Non Engraved
-												
4												
5						THE	RING					
6					/ 4	READ IN	2071					
7						OF THY BORD WHO OREATES	زیجب الدی خلق ر	133				
8					188							
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10							IORE					
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15												
16												

Dated:

Dated:

25/10/2024

29-09-24

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

8055 Dr. Qasim Khan

To: CM ENGINEERING (PVT) LTD Quaid-e-Azam Town College Road, Lahore.

Project: E.CO Project Site ID: MUL3189											
Our Ref. No. CL/CED/ 6268	Dated:	25/10/2024	Test Specification								
Your Ref. No. CME/Cubes/Tawal/2107	Dated:	07-10-24	(BS 1881-116)								

COMPRESSION TEST REPORT



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

Specim	ens received on:	2	2-10	-24	Tested on:	25/10	/2024	in dry/wet condition			Ē	jčener
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)		Water Absorpti on (%)	Remarks
1	Triangle Pier Fndn + DG Pad(1:1 5:3)	30	9	2024	6x6x6		8.4	36	48	2987		Non Engraved
2	+ DG Pad(1:1.5:3) Triangle Pier Fndn + DG Pad(1:1.5:3)	30	9	2024	6x6x6		8.8	36	46	2862		Non Engraved
3												
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5					<	NEINE	RING					
6					>	READ N	2071	×				
7						OF THY -CRD WHO CREATES	ر ب ک ال د کی خلق ر					
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Witness	ed bv:											

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.



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

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



To: **CM ENGINEERING (PVT) LTD** Quaid-e-Azam Town College Road, Lahore.

> Project: TAWAL Project Site ID: TWPJLM0002 Our Ref. No. CL/CED/ 6269

Your Ref. No. CME/Cubes/Tawal/2106

COMPRESSION TEST REPORT



Test Specification

(BS 1881-116)

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

Specim	ens received on:	2	2-10	-24	Tested on:	25/10)/2024	in dry/wet condition				itske g
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	Tower Raft (1:1.5:3)	10	10	2024	6x6x6		8.6	36	50	3111		Non Engraved
2	Tower Raft (1:1.5:3)	10	10	2024	6x6x6		8	36	47	2924		Non Engraved
3												
4												
5					<	THINE	RINT .					
6					- 2	READ IN	2071	X				
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8					- 8							
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10					<		IORE					
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12												
13												
14												
15												
16												
Witnessed by:												

Dated:

Dated:

25/10/2024

17-10-24

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

8037 Dr. Qasim Khan

To: Mr. Muhammad Azmat

Resident Engineer, NESPAK-TURKPAK JV Site Office, Lady Willingdon Hospital, Lahore.

Project: Reconstruction of Lady Willingdon Hospital, Lahore.

Our Ref. No. CL/CED	6270	Dated:	25/10/2024	Test Specification
Your Ref. No. 4	729/13/MA/04/109	Dated:	16/10/2024	()

COMPRESSION TEST REPORT



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

Specim	ens received on:	21	/10/2	2024	Tested on:	25/10)/2024	in dry/wet condition				
Sr. No.	Mark*		-	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	SRI				8.9 x 4.2 x 2.9	3520	3190	37.38	50	2996	10.34	
2	SRI				8.9 x 4.2 x 2.9	3535	3260	37.38	47	2816	8.44	
3	SRI				8.9 x 4.2 x 2.8	3530	3250	37.38	47	2816	8.62	
4	SRI				8.9 x 4.2 x 2.9	3565	3180	37.38	46	2757	12.11	
5					<	STATI	RING					
6					- 2		2071	_				
7						OF THY CORD WHO CREATES	رچې ا اند کې خلق ر	133				
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Witnessed by:												

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.



Civil Engineering Department

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

8032 Dr. Qasim Khan

To: TAHIR'S ARCHITECTS Phase 6, DHA, Lahore.

Project: Construction of BUKHARI FARM HOUSE G.T. ROAD MUREDKE.

Our Ref. No. CL/CED/ 6271	Dated: 25/10/2024	Test Specification
Your Ref. No. CON./COMP./10/24	Dated: 17/10/2024	()

COMPRESSION TEST REPORT



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

Specimens received on:		17/10/2024 Tested on:		25/10/2024		in dry/wet condition						
Sr. No.	Mark*		-	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	Rectangular, Grey, 80mm				7.8 x 3.8 x 3		3390	29.64	40	3023		
2	Rectangular, Grey, 80mm				7.8 x 3.8 x 3		3505	29.64	41	3099		
3	Rectangular, Grey, 80mm				7.8 x 3.8 x 3		3455	29.64	43	3250		
4	Rectangular, Grey, 80mm				7.8 x 3.8 x 3		3465	29.64	49	3703		
5	Rectangular, Grey, 80mm				7.8 x 3.8 x 3	THINE	3500	29.64	44	3325		
6	Rectangular, Grey, 80mm				7.8 x 3.8 x 3	READ N	3610	29.64	62	4686		
7						OF THY -CRD WHO CREATES	ر ب ک ال د کی خلق ر	133				
8								5-				
9						20-		?				
10							IORE					
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Witnessed by:												

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 Mobile: 0307-0496895 Landline: 042-99029245 & 042-99029202

ORIGINAL A carbon copy for the report has been retained in the lab for record.

8022 Dr. Qasim Khan

To: Sub Divisional Officer **Building Sub Division, Hafizabad**

Project: Construction of the Building DPO Office Hafizabad (ADP Scheme No. 2790 For 2024-25)

Our Ref. No. CL/C	ED/ 6272	Dated:	25/10/2024	Test Specification
Your Ref. No.	85/HZ	Dated:	16/10/2024	()

COMPRESSION TEST REPORT



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

Specimens received on:		16/10/2024		2024	Tested on:	25/10/2024		in dry/wet condition				
Sr. No.	Sr. No. Mark*		ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Rectangular, Grey, 80 mm				7.8 x 3.8 x 3		3400	29.64	73	5517		
2	Rectangular, Grey, 80 mm				7.8 x 3.8 x 3		3570	29.64	92	6953		
3	Rectangular, Grey, 80 mm				7.8 x 3.8 x 3		3515	29.64	87	6575		
4	Rectangular, Grey, 80 mm				7.8 x 3.8 x 3		3450	29.64	80	6046		
5	Rectangular, Grey, 80 mm				7.8 x 3.8 x 3	STINE	3530	29.64	93	7028		
6	Rectangular, Grey, 80 mm				7.8 x 3.8 x 3	READIN	3550	29.64	80	6046		
7						OF THY -CORD WHO OREATES	ریک اندگی خلق ر					
8					S.R.			5				
9							1	~				
10						LA	IDRL.					
11												
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Witnessed by:												

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.



Building Sub Division, Hafizabad			
Project: Establishment of Government Associate College for Gir No. 73 for 2024-25)	Is, KALIKI MANDI	, Hafizabad (ADP Scheme	
Our Ref. No. CL/CED/ 6273	Dated:	25/10/2024	-
Your Ref. No. 86/HZ	Dated:	16/10/2024	

COMPRESSION TEST REPORT



Test Specification

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

Specimens received on:		16/10/2024		2024	Tested on:	25/10/2024		in dry/wet condition				
Sr. No.	Mark*		-	Date* YYYY	Size	Wet Weight		Area of X-Section (Sq. in)		Ultimate Stress	Water Absorpti on (%)	Remarks
	Rectangular, Grey,	סט		TTTT		(rcg/ gms)	(Kg/ gms)		(Imp.Tons)		. ,	
1	60 mm				7.8 x 3.9 x 2.3		2695	30.42	96	7069		
2	Rectangular, Grey, 60 mm				7.8 x 3.9 x 2.3		2640	30.42	100	7364		
3	Rectangular, Grey, 60 mm				7.8 x 3.9 x 2.3		2750	30.42	106	7805		
4	Rectangular, Grey, 60 mm				7.8 x 3.9 x 2.3		2725	30.42	106	7805		
5	Rectangular, Grey, 60 mm				7.8 x 3.9 x 2.3	WHINE	2575	30.42	96	7069		
6	Rectangular, Grey, 60 mm				7.8 x 3.9 x 2.3	READIN	2670	30.42	83	6112		
7						OF THY HORD WHO CREATES	ر <u>چ</u> ۔ ان د کی خلق ر					
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