

Civil Engineering Department

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

4522 Engr. Ubaid

To: Mr. M. Tariq Shahzad Executive Director-Projects, Lake City Developers.

Project: Nil				
Our Ref. No. CL/0	CED/ 830	Dated:	06-01-23	Test Specification
Your Ref. No.	LCRG/Con/014	Dated:	05-01-23	(ASTM C39)

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COMPRESSION TEST REPORT



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

Specim	ens received on:	0	5-01	-23	Tested on:	05-0	01-23	in dry/wet	condition		Ē	jester
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	4000 Psi	21	11	2022	6Diax12		13	28.28	69	5465		Non Engraved
2	4000 Psi	21	11	2022	6Diax12		13.4	28.28	79	6257		Non Engraved
3	4000 Psi	21	11	2022	6Diax12		13	28.28	70	5545		Non Engraved
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16												
Witnessed by: Mr. M. Umer, CNIC # 36502-4147923-1												

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

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

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

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

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

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

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



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

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

4522 Engr. Ubaid

To: Mr. M. Tariq Shahzad Executive Director-Projects, Lake City Developers.

Project: Nil				
Our Ref. No. CL/0	CED/ 831	Dated:	06-01-23	Test Specification
Your Ref. No.	LCRG/Con/013	Dated:	05-01-23	(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 05-01-23 Tested on: 05-01-23 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	4000 Psi	19	11	2022	6Diax12		13.4	28.28	73	5782		Non Engraved
2	4000 Psi	19	11	2022	6Diax12		13	28.28	66	5228		Non Engraved
3	4000 Psi	19	11	2022	6Diax12		14	28.28	57	4515		Non Engraved
4												
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6					-	KEAU N	2071					
7						OF THY CREATES	زېجې (انډ کې خلق ر					
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10							IORE					
11												
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16												
Witness	Witnessed by: Mr. M. Umer, CNIC # 36502-4147923-1											

Witnessed by: Mr. M. Umer, CNIC # 36502-4147923-1

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

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Director/Dy. Director Concrete Laboratory



Civil Engineering Department

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

4522 Engr. Ubaid

To: Mr. M. Tariq Shahzad Executive Director-Projects, Lake City Developers.

Project: Nil				
Our Ref. No. CL/0	CED/ 832	Dated:	06-01-23	Test Specification
Your Ref. No.	LCRG/Con/015	Dated:	05-01-23	(ASTM C39)

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COMPRESSION TEST REPORT



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

Specim	ens received on:	0	5-01	-23	Tested on:	05-0	01-23	in dry/wet	condition		Ē	jester
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)		Water Absorpti on (%)	Remarks
1	4000 Psi	22	11	2022	6Diax12		13	28.28	57	4515		Non Engraved
2	4000 Psi	22	11	2022	6Diax12		14	28.28	79	6257		Non Engraved
3	4000 Psi	22	11	2022	6Diax12		13	28.28	63	4990		Non Engraved
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Witnessed by: Mr. M. Umer, CNIC # 36502-4147923-1												

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4522 Engr. Ubaid

To: Mr. M. Tariq Shahzad Executive Director-Projects, Lake City Developers.

Project: Nil				
Our Ref. No. CL/0	CED/ 833	Dated:	06-01-23	Test Specification
Your Ref. No.	LCRG/Con/016	Dated:	05-01-23	(ASTM C39)

-

COMPRESSION TEST REPORT



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

Specim	ens received on:	0	5-01	-23	Tested on:	05-0	01-23	in dry/wet	condition		Ū	jesues
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	5000 Psi	19	11	2022	6Diax12		14.2	28.28	125	9901		Non Engraved
2	5000 Psi	19	11	2022	6Diax12		14.2	28.28	108	8554		Non Engraved
3	5000 Psi	19	11	2022	6Diax12		14.2	28.28	105	8317		Non Engraved
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16												
Witnessed by: Mr. M. Umer, CNIC # 36502-4147923-1												

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4523 Engr. Ubaid

To: Mr. Ameen Firdous, Civil Engineer & Technologists Prime Builders & Developers, Block B1, Gulberg III, Lahore.

Project: B-45 Gulberg-III, Lahore.			
Our Ref. No. CL/CED/ 834	Dated:	06-01-23	Test Specification
Your Ref. No. PB/05/01/2023	Dated:	05-01-23	(ASTM C39)

COMPRESSION TEST REPORT



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

Specimo	ens received on:	0	5-01	-23	Tested on:	05-0)1-23	in dry/wet	t condition		Ö	jeskeg
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Tank-TM-1 (8000 Psi)	8	12	2022	6Diax12		13.6	28.28	85	6733		Non Engraved
2	Psi) Tank-TM-2 (8000 Psi)	8	12	2022	6Diax12		13.6	28.28	84	6653		Non Engraved
3	Companion-TM-1 (8000 Psi)	8	12	2022	6Diax12		13.4	28.28	86	6812		Non Engraved
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14												
15												
16												
Witnessed by: Mr. M. Uzair. CNIC # 16102-6784638-9												

Witnessed by: Mr. M. Uzair, CNIC # 16102-6784638-9

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

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4508 Engr. Ubaid

To: Mr. Wasim Imtiaz

Project Manager, Takbeer Tower McLeod Road, Lahore.

Project: Nil				
Our Ref. No. CL/C	ED/ 835	Dated:	06-01-23	Test Specification
Your Ref. No.	02012023	Dated:	02-01-23	(ASTM C39)

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COMPRESSION TEST REPORT



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

Specim	ens received on:	0	2-01	-23	Tested on:	05-0)1-23	in dry/wet	condition		Ü	jester
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		22	12	2022	6Diax12		13.6	28.28	48	3802		Engraved
2		22	12	2022	6Diax12		13.2	28.28	50	3960		Engraved
3		22	12	2022	6Diax12		13.4	28.28	54	4277		Engraved
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Witness	Witnessed by: Nil											

Witnessed by: Nil

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Supervisor (Lab)



Civil Engineering Department

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

4519 Engr. Ubaid

To: Mr. Muhammad Irfan Material Engineer, BANU MUKHTAR Contracting Pvt. Ltd.

Project: Burj-1 by AJWA Builders										
Our Ref. No. CL/CED/ 836	Dated:	06-01-23	Test Specification							
Your Ref. No. DOC-BMC/AJWA/042	Dated:	03-01-23	(ASTM C39)							

COMPRESSION TEST REPORT



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

Specim	ens received on:	0	3-01	-23	Tested on:	05-0	1-23	in dry/wet	condition		Ü	jester
Sr. No.	Mark*	Cas DD	_	Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	4000 Psi (B-2 Retaining wall)	1	12	2022	6Diax12	(rtg/ giiis) 	(Rg/ gills) 13.4	28.28	(imp.rons) 64	5069		Non Engraved
2	Retaining wall) 4000 Psi (B-2 Retaining wall)	1	12	2022	6Diax12		13	28.28	60	4752		Non Engraved
3	4000 Psi (B-2 Retaining wall)	1	12	2022	6Diax12		13.4	28.28	68	5386		Non Engraved
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Witness	ed by:											

witnessed by:

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4519 Engr. Ubaid

To: Mr. Muhammad Irfan Material Engineer, BANU MUKHTAR Contracting Pvt. Ltd.

Project: Burj-1 by AJWA Builders										
Our Ref. No. CL/CED/ 837	Dated:	06-01-23	Test Specification							
Your Ref. No. DOC-BMC/AJWA/040	Dated:	03-01-23	(ASTM C39)							

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COMPRESSION TEST REPORT



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

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Specim	ens received on:	0	3-01	-23	Tested on:	05-0)1-23	in dry/wet	condition		Ü	jester
Sr. No.	Mark*	Cas	-	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load (Imp.Tons)	Ultimate Stress	Water Absorpti on (%)	Remarks
	C000 Doi: (M/D D 2	טט			(in)	(Kg/ gins)	(Kg/ gms)	(Sq. in)	(imp.rons)	(psi)	. ,	
1	6000 Psi (M/B B-3 Lift Well Wall 03)	29	11	2022	6Diax12		13.8	28.28	114	9030		Non Engraved
2	6000 Psi (M/B B-3 Lift Well Wall 03)	29	11	2022	6Diax12		14.2	28.28	90	7129		Non Engraved
3	6000 Psi (M/B B-3 Lift Well Wall 03)	29	11	2022	6Diax12		13.6	28.28	102	8079		Non Engraved
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Supervisor (Lab)



Civil Engineering Department

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

4519 Engr. Ubaid

To: Mr. Muhammad Irfan Material Engineer, BANU MUKHTAR Contracting Pvt. Ltd.

Project: Burj-1 by AJWA Builders										
Our Ref. No. CL/CED/ 838		Dated:	06-01-23	Test Specification						
Your Ref. No. DOC-BMC	C/AJWA/041	Dated:	03-01-23	(ASTM C39)						

COMPRESSION TEST REPORT



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

Specim	ens received on:	0	3-01	-23	Tested on:	05-0)1-23	in dry/wet	condition		Ū	jester
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	6000 Psi (B-2 Col. 04 Grids # C/3,4)	1	12	2022	6Diax12		14.2	28.28	96	7604		Non Engraved
2	6000 Psi (B-2 Col. 04 Grids # C/3,4)	1	12	2022	6Diax12		14	28.28	120	9505		Non Engraved
3	6000 Psi (B-2 Col. 04 Grids # C/3,4)	1	12	2022	6Diax12		13.8	28.28	90	7129		Non Engraved
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witnessed by:

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Supervisor (Lab)



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.

4501 Dr. M. Yousaf

To: Mr. Muhammad Faroog Bridgeway Developers Pvt Ltd

Project: Pearl One Residencies by Bridgeway Developers 26 Block-C M.M. Alam Road Gulberg-III Lahore.

Our Ref. No. CL/CED/ 839	Dated:	06-01-23	Test Specification
Your Ref. No. Nil	Dated:	Nil	(ASTM C39)

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COMPRESSION TEST REPORT



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

Specim	ens received on:	30)/12/2	2023	Tested on:	06-0)1-23	in dry/wet	condition		Ü	jesues
Sr. No.	Mark*	Cas	sting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Slab Concrete (4000 Psi)	11	11	2022	6Diax12		13	28.28	30	2376		Non Engraved
2	Slab Concrete (4000 Psi)	11	11	2022	6Diax12		13	28.28	30	2376		Non Engraved
3	Slab Concrete (4000 Psi)	11	11	2022	6Diax12		13	28.28	30	2376		Non Engraved
4	Slab Concrete (4000 Psi)	18	11	2022	6Diax12		14	28.28	36	2851		Non Engraved
5	Slab Concrete (4000 Psi)	18	11	2022	6Diax12	NETNE	13.2	28.28	39	3089		Non Engraved
6	Slab Concrete (4000 Psi)	18	11	2022	6Diax12	READ IN	13.2	28.28	36	2851		Non Engraved
7						OF THY GRO WHO OREATES	زیجب اندکی خلق ر					
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11												
12												
13												
14												
15												
16												
Witness	Witnessed by:											

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

4501 Dr. M. Yousaf

To: Mr. Muhammad Faroog Bridgeway Developers Pvt Ltd

Project: Pearl One Residencies by Bridgeway Developers 26 Block-C M.M. Alam Road Gulberg-III Lahore.

Our Ref. No. CL/CED/ 840	Dated:	06-01-23	Test Specification
Your Ref. No. Nil	Dated:	Nil	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	30)/12/2	2023	Tested on:	06-0)1-23	in dry/we	t condition		Ü	je steri
Sr. No.	Mark*		•	Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
	Col. Concrete (6000		1	YYYY	(in)		(Kg/ gms)		(Imp.Tons)			
1	Psi) Col. Concrete (6000	23	12	2022	6Diax12		13.4	28.28	36	2851		Non Engraved
2	Psi)	23	12	2022	6Diax12		13.4	28.28	39	3089		Non Engraved
3	Col. Concrete (6000 Psi)	23	12	2022	6Diax12		13.4	28.28	39	3089		Non Engraved
4												
5						NHINE	RING					
6					- /	READ IN	2077					
7						OF THY BORD WHC CREATES	ز ی ک اند کی خلق ر	133				
8					188							
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10					<	/ A	IORE					
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16												
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 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

4510 Dr. M. Yousaf

To: Mr. Mohsin Nawaz

Site Supervisor, Pakistan Rangers (Punjab)

Project: Construction of OPD Block- HQ Pakistan Rangers (Punjab)

Our Ref. No. CL/CED/ 841

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Your Ref. No. 2231/Works/2102

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COMPRESSION TEST REPORT

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Test Specification

(ASTM C39)

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

Specim	ens received on:	0	2-01	-23	Tested on:	06-0	01-23	in dry/wet	condition			icense j
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)		Water Absorpti on (%)	Remarks
1	Plinth Beam (RCC Slab)	5	12	2022	6Diax12		14.4	28.28	24	1901		Engraved
2	Plinth Beam (RCC Slab)	5	12	2022	6Diax12		14.2	28.28	25	1980		Engraved
3	Plinth Beam (RCC Slab)	5	12	2022	6Diax12		14.4	28.28	25	1980		Engraved
4												
5						WHINE	RING A					
6)	READIN	2071					
7						OF THY 	زیجی ان کی خلق ر	£21				
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10							IDR <u>E.</u>					
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16												
Witness	sed by:											

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Dated:

Dated:

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06-01-23

06-12-22

....

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.



4515 Dr. M. Yousaf

To:	Engr. Bilal Yaqo	oob Virk (Assitant Executive Engineer-II)										
	CCD, Pak. PWD	. Gujranwala										
	Project: Enhance	ement & Expansion of Building Infrastructure of	NHMP Training O	College Sheikhupura,	Phase-							
	II (SH:Establish	II (SH:Establishment of Library, Lab, E-Ticketing etc.)										
	Our Ref. No. CL	/CED/ 842	Dated:	06-01-23	Test Specification							
	Your Ref. No.	AEE-II/CCD/GA/Work/NHMP/P-II/Lab/73	Dated:	13/9/2022	(ASTM C39)							

COMPRESSION TEST REPORT



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

Specim	ens received on:	0	3-01	-23	Tested on:	sted on: 06-01-23 in dry/wet condition						iester
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	Raft & Strip Foundation	18	7	2022	6Diax12		12.8	28.28	40	3168		Non Engraved
2	Raft & Strip Foundation	18	7	2022	6Diax12		14	28.28	38	3010		Non Engraved
3	Raft & Strip Foundation	19	7	2022	6Diax12		13	28.28	40	3168		Non Engraved
4												
5					<	NEINE	RING					
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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

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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)



4515 Dr. M. Yousaf

To:	U 1	oob Virk (Assitant Executive Engineer-II)									
	CCD, Pak. PWD	. Gujranwala									
	Project: Enhanc	ement & Expansion of Building Infrastructure of	NHMP Training C	ollege Sheikhupura,	Phase-						
	II (SH:Establishment of Library & Lab etc.)										
	Our Ref. No. CL	/CED/ 843	Dated:	06-01-23	Test Specification						
	Your Ref. No.	AEE-II/CCD/GA/Work/NHMP/P-II/Lab/90	Dated:	11-11-22	(ASTM C39)						

COMPRESSION TEST REPORT



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

Specim	ens received on:	0	3-01	-23	Tested on:	06-0)1-23	in dry/wet condition			Ü	jester
Sr. No.	Mark*		-	Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
	Ground Floor Conc.	DD		YYYY	(in)	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)		. ,	
1	Columns	5	10	2022	6Diax12		13	28.28	41	3248		Non Engraved
2	Ground Floor Conc. Columns	6	10	2022	6Diax12		13	28.28	43	3406		Non Engraved
3	Ground Floor Conc. Columns	11	10	2022	6Diax12		12.4	28.28	36	2851		Non Engraved
4												
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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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.



4515 Dr. M. Yousaf

To:	•	Engr. Bilal Yaqoob Virk (Assitant Executive Engineer-II) CCD, Pak. PWD. Gujranwala											
	Project: Enhancement & Expansion of Building Infrastructure of NHMP Training College Sheikhupura, Phase- II (SH:Establishment of Library & Lab etc.)												
	Our Ref. No. CL	/CED/ 844	Dated:	06-01-23	Test Specification								
	Your Ref. No.	AEE-II/CCD/GA/Work/NHMP/P-II/Lab/94	Dated:	22/12/2022	(ASTM C39)								

COMPRESSION TEST REPORT



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

Specim	ens received on:	0	3-01	-23	Tested on:	06-0	1-23	in dry/wet condition				j2.38896
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Ground Floor Beam & Slab	21	11	2022	6Diax12		(Rg/ gills) 13	28.28	54	4277		Non Engraved
2	Ground Floor Beam & Slab	21	11	2022	6Diax12		13.6	28.28	67	5307		Non Engraved
3	Ground Floor Beam & Slab	21	11	2022	6Diax12		12.2	28.28	34	2693		Non Engraved
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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)



4515 Dr. M. Yousaf

To:	Engr. Bilal Yaqo CCD, Pak. PWD.	ob Virk (Assitant Executive Engineer-II) . Guiranwala									
	Project: Enhancement & Expansion of Building Infrastructure of NHMP Training College Sheikhupura, Phase- II (SH:Establishment of Library & Lab etc.)										
	Our Ref. No. CL	, , , , , , , , , , , , , , , , , , ,	Dated:	06-01-23	Test Specification						
	Your Ref. No.	AEE-II/CCD/GA/Work/NHMP/P-II/Lab/95	Dated:	29-12-22	(ASTM C39)						

COMPRESSION TEST REPORT



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

Specim	ens received on:	0	3-01	-23	Tested on:	06-0)1-23	in dry/wet condition				jčestegi
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	First Floor Column	30	11	2022	6Diax12	(rtg/ giii3) 	(rtg/ gills) 12.6	28.28	35	2772		Non Engraved
2	First Floor Column	30	11	2022	6Diax12		12.4	28.28	36	2851		Non Engraved
3	First Floor Column	1	12	2022	6Diax12		13	28.28	45	3564		Non Engraved
4												
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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) 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

4524 Dr. M. Yousaf

To: **CW Manager** ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Nil			
Our Ref. No. CL/CED/ 846	Dated:	06-01-23	Test Specification
Your Ref. No. Nil	Dated:	Nil	(BS 1881-116)

COMPRESSION TEST REPORT

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



Specimens received on: 01-05-23 Tested on:				01-0	01-06-23 in dry/wet condition				je de la			
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	N-3033 (1:1.5:3 & 1:4:8) N-3033 (1:1.5:3 &	16	12	2022	6x6x6		8	36	55	3422		Non Engraved
2	N-3033 (1:1.5:3 & 1:4:8)	16	12	2022	6x6x6		8	36	62	3858		Non Engraved
3												
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5					-	WHINE	RING			-		
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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)



Civil Engineering Department

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



4524 Dr. M. Yousaf

To: **CW Manager** ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Nil			
Our Ref. No. CL/CED/ 847	Dated:	06-01-23	Test Specification
Your Ref. No. Nil	Dated:	Nil	(BS 1881-116)

COMPRESSION TEST REPORT

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



Specimens received on:			5-01	-23	Tested on: 06-01-23 in dry/wet o		t 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 Stress (psi)	Water Absorpti on (%)	Remarks
1	N-5653 (1:1.5:3 & 1:2:4) N-5653 (1:1.5:3 &	19	12	2022	6x6x6		8	36	46	2862		Non Engraved
2	N-5653 (1:1.5:3 & 1:2:4)	19	12	2022	6x6x6		8	36	60	3733		Non Engraved
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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)



Civil Engineering Department

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

4524 Dr. M. Yousaf

To: CW Manager ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Nil			
Our Ref. No. CL/CED/ 848	Dated:	06-01-23	Test Specification
Your Ref. No. Nil	Dated:	Nil	(BS 1881-116)

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COMPRESSION TEST REPORT

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



Specim	ens received on:	0	5-01	-23	Tested on:	06-0)1-23	in dry/wet	condition		Ö	jester
Sr. No.	Mark*	Cas DD	-	Date*	Size (in)	Wet Weight (Kq/ qms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	N-5852 (1:1.5:3 & 1:4:8)	14	12	2022	6x6x6		8.2	36	75	4667		Non Engraved
2	1:4:8) N-5852 (1:1.5:3 & 1:4:8)	14	12	2022	6x6x6		8.4	36	78	4853		Non Engraved
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Witness	ed by:											

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

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Civil Engineering Department

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



4524 Dr. M. Yousaf

To: CW Manager ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Nil			
Our Ref. No. CL/CED/ 849	Dated:	06-01-23	Test Specification
Your Ref. No. Nil	Dated:	Nil	(BS 1881-116)

COMPRESSION TEST REPORT

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

Specim	ens received on:	0	5-01	-23	Tested on:	06-0)1-23	in dry/wet	t condition		Ü	17.538£96
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	N-5822 (1:1.5:3 & <u>1:4:8)</u> N-5822 (1:1.5:3 &	12	12	2022	6x6x6		8.2	36	84	5227		Non Engraved
2	N-5822 (1:1.5:3 & 1:4:8)	12	12	2022	6x6x6		8.2	36	70	4356		Non Engraved
3												
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Witnessed by:

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)



Civil Engineering Department

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



4524 Dr. M. Yousaf

To: CW Manager ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Nil			
Our Ref. No. CL/CED/ 850	Dated:	06-01-23	Test Specification
Your Ref. No. Nil	Dated:	Nil	(BS 1881-116)

COMPRESSION TEST REPORT





Specim	ens received on:	0	5-01	-23	Tested on:	06-0)1-23	in dry/wet	t 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	N-53511 (1:1.5:3 & 1:4:8)	27	12	2022	6x6x6		8.4	36	73	4542		Non Engraved
2	N-53511 (1:1.5:3 & 1:4:8)	27	12	2022	6x6x6		8	36	65	4044		Non Engraved
3												
4												
5					-	NHINE	BI/to					
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7						OF THY CORD WHO OREATES	زیک ان کی خلق ر					
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Witness	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)



Civil Engineering Department

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

4524 Dr. M. Yousaf

To: **CW Manager** ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Nil			
Our Ref. No. CL/CED/ 851	Dated:	06-01-23	Test Specification
Your Ref. No. Nil	Dated:	Nil	(BS 1881-116)

COMPRESSION TEST REPORT

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

Sr. No.	Mark*		-	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
1	N-53238 (1:1.5:3 &	DD 25	MM 1	YYYY 2022	(in) 6x6x6	(Kg/ gms) 	(Kg/ gms) 8.2	(Sq. in) 36	(Imp.Tons) 89	(psi) 5538		Non Engrave
2	1:4:8) N-53238 (1:1.5:3 & 1:4:8)	25	1	2022	6x6x6		8	36	69	4293		Non Engrave
3												
4												
5					-	THILE	RING .					
6						READ IN	2077	<u> </u>				
7						OF THY CORD WHO CREATES	زیجک الکی خلوش	8				
8					88			5				
9						2	i i	·/				
10							IORE					
11												
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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)



Civil Engineering Department

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

4524 Dr. M. Yousaf

To: **CW Manager** ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Nil			
Our Ref. No. CL/CED/ 852	Dated:	06-01-23	Test Specification
Your Ref. No. Nil	Dated:	Nil	(BS 1881-116)

COMPRESSION TEST REPORT

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

Specime	ens received on:	0	5-01	-23	Tested on:	06-0	01-23	In dry/wet	condition		Ū	
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	Site-5 (1:1.5:3 & 1:4:8)	12	11	2021	6x6x6		8.2	36	70	4356		Non Engrav
2	Site-5 (1:1.5:3 & 1:4:8)	12	11	2021	6x6x6		8	36	79	4916		Non Engrav
3												
4												
5						NHNE	RING .					
6)	READ IN	2071					
7						OF THY CORD WHO CREATES	ر چک الد کی خلق ر	103				
8					- 48							
9						10-		2				
10							IOR <u>L</u>					
11												
12												
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)



Civil Engineering Department

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



4524 Dr. M. Yousaf

To: **CW Manager** ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Nil			
Our Ref. No. CL/CED/ 853	Dated:	06-01-23	Test Specification
Your Ref. No. Nil	Dated:	Nil	(BS 1881-116)

COMPRESSION TEST REPORT





Specim	0	5-01	-23	Tested on:	06-0)1-23	in dry/wet	t 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	Site-9 (1:1.5:3 & 1:4:8) Site-9 (1:1.5:3 &	17	11	2021	6x6x6		8	36	66	4107		Non Engraved
2	Site-9 (1:1.5:3 & 1:4:8)	17	11	2021	6x6x6		8.2	36	76	4729		Non Engraved
3												
4												
5					-	STATI	BIN'S					
6						READIN	207	X				
7						OF THY CORD WHO OREATES	زیجہ اندکی خلق ر	-				
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16												
Witness	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.

Supervisor (Lab)



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.

> 4517 Engr. Ubaid

To: Mr. Muhammad Imran Khan

Material Engineer ECSP, MPA Hostel, Phase-II. (M/s Iftikhar & Co.)

Project: Engineering Consultancy Services for Construction of MPA's Hostel Lahore, Phase-II (6th Floor Slab-Group No. 1)

Our Ref. No. CL/	CED/ 854	Dated:	06-01-23	Test Specification
Your Ref. No.	340/ECSP/MPA/ME/59	Dated:	30/12/2022	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specim	ens received on:	03-01-23 T		-23	Tested on:	ested on: 05-01-23 i		in dry/wet condition				je sterij
Sr. No.	Mark*		-	Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	6th Floor Slab (Ratio 1:2:4)	2	12	2022	6x6x6		9	36	50	3111		Engraved
2	6th Floor Slab (Ratio 1:2:4)	2	12	2022	6x6x6		8.8	36	56	3484		Engraved
3	6th Floor Slab (Ratio 1:2:4)	2	12	2022	6x6x6		8.8	36	63	3920	-	Engraved
4												
5						THE	RING					
6					/ 2	KEAU N	2071	<u> </u>				
7						OF THY -CORD WHO OREATES	ز ک ے۔ ان کی خلق ر	- I I I				
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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)



To:

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.

> 4517 Engr. Ubaid

Mr. Muhammad	lmran Khan		
Material Enginee	er ECSP, MPA Hostel, Phase-II. (M/s Iftikl	nar & Co.)	
Project: Enginee Columns- Group	ring Consultancy Services for Construc	tion of MPA's Hostel Laho	re, Phase-II (6th Floor
Our Ref. No. CL/	CED/ 855	Dated:	06-01-23
Your Ref. No.	340/ECSP/MPA/ME/61	Dated:	05-01-23

COMPRESSION TEST REPORT



Test Specification (BS 1881-116)

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

Specim	Specimens received on:			03-01-23 Tested on:			05-01-23		in dry/wet condition			jestegi
Sr. No.	Mark*	Cas	-	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	6th Floor Columns (Ratio 1:1.5:3)	8	12	2022	6x6x6		8.6	36	61	3796		Engraved
2	6th Floor Columns (Ratio 1:1.5:3)	8	12	2022	6x6x6		8.9	36	50	3111		Engraved
3	6th Floor Columns (Ratio 1:1.5:3)	8	12	2022	6x6x6		9	36	61	3796		Engraved
4												
5						NHINE	BIA					
6						READIN						
7						OF THY USARD WHO CREATES	ز ی ک اند کی خلق ر	£2				
8					S.R. 1					-		
9								~				
10					<	/ A	IOR <u>E</u>					
11												
12										-		
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Witness	sed by:											

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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)



To: Engr. Khalid Sattar

Resident Engineer, DHQ Hospital, Hafizabad Project: Consultancy Service Resident Supervision for the Project Titled "Upgradation of D.H.Q Hospital Hafizabad (Group No. 1) ADP No: 768 For the Year 2021-2022" Our Ref. No. CL/CED/ 856 Dated: 06-01-23 Test Specification Your Ref. No. MCE/DHQ/Hafizabad/22/09 Dated: 28/12/2022

COMPRESSION TEST REPORT

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

Specimens received on:			03-01-23 Tested on:		06-01-23 in dry/v		in dry/wet	n 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 Roof (1:2:4)	17	11	2022	6x6x6		9	36	75	4667		Non Engraved
2	RCC Roof (1:2:4)	17	11	2022	6x6x6		9	36	81	5040		Non Engraved
3	RCC Roof (1:2:4)	17	11	2022	6x6x6		8.8	36	80	4978		Non Engraved
4												
5						THE	RING					
6					>	READ IN	2071					
7						OF THY GRO WHO OREATES	ریجب اندمی خلق ر	I FCH				
8					S.R. 1			l Nn				
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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.

Director/Dy. Director Concrete Laboratory



(BS 1881-116)

4518



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.

> 4514 Engr. Ubaid

To: Prof. Dr. Engr. Abdullah Yasar Campus Engineer, GC University, Lahore

Project: Construction of New Girls Hostel at Main Campus GC University, Lahore, Engineering Cell

Our Ref. No. CL/	CED/ 857	Dated:	06-01-23	Test Specification
Your Ref. No.	GCU/Engr/004/A	Dated:	28/12/2022	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specim	ens received on:	03-01-23 Teste		Tested on:	05-01-23		in dry/wet condition			Ü	jester	
Sr. No.	Mark*		•	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
	Raft Foundation	DD		YYYY	()	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)		. ,	
1	Grid A-D (7 to 11)	15	11	2022	6x6x6		8.6	36	71	4418		Non Engraved
2	Raft Foundation Grid A-D (7 to 11)	15	11	2022	6x6x6		8.6	36	64	3982		Non Engraved
3	Raft Foundation Grid A-D (7 to 11)	15	11	2022	6x6x6		8.6	36	67	4169		Non Engraved
4												
5						THINE	RING					
6						READ N	2071					
7						OF THY -CRD WHC CREATES	ز ب ک اند کی خلق ر					
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Witness	sed by:				1				1			

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)



Plain and Reinforced Concrete Laboratory 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.

> 4494 Engr. Ubaid

To: Prof. Dr. Engr. Abdullah Yasar Campus Engineer, GC University, Lahore, Engineering Cell

Project: Construction for New Girls Hostel and Servant Quarter at Main Campus GCU Lahore

Our Ref. No. CL/	CED/ 858	Dated:	06-01-23	Test Specification
Your Ref. No.	GCU/Engr/004/A	Dated:	28/12/2022	()

COMPRESSION TEST REPORT



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

Specimo	ens received on:	29)/12/2	2022	Tested on:	05-0	01-23	in dry/wet condition				
Sr. No.	Mark*		-	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		00		YYYY	. ,	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)			
1	S				8.8 x 4.3 x 2.7		2945	37.84	45	2664		
2	S				8.7 x 4.3 x 2.9		3135	37.41	37	2215		
3	S				8.7 x 4.3 x 2.8		2920	37.41	37	2215		
4	S				8.7 x 4.3 x 2.9		3130	37.41	38	2275		
5						NHINE	RING					
6					>		2001	<u> </u>				
7						OF THY BORD WHO CREATES	زیجہ۔ الذ <mark>ک</mark> ی خلق ر					
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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.

> 4460 Engr. Ubaid

To: Sub Divisional Officer Building Sub Division, Kot Radha Kishan

Project: Construction of Judicial Complex Kot Radha Kishan District Kasur. ADP No. 5818 (2021-22)

Our Ref. No. CL/	CED/ 859	Dated:	06-01-23	Test Specification
Your Ref. No.	70/KRK	Dated:	23/11/2022	(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 22/12/				2022	Tested on:	05-0)1-23	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	IBS				8.8 x 4.3 x 2.9		3290	37.84	37	2190		
2	IBS				8.8 x 4.3 x 3		3370	37.84	38	2249		
3	IBS				8.8 x 4.3 x 3		3440	37.84	37	2190		
4	IBS				8.8 x 4.2 x 3		3340	36.96	34	2061		
5	IBS				8.8 x 4.3 x 3	STATI	3470	37.84	35	2072		
6					-)	READ IN	2071					
7						OF THY GRAD WHC CREATES	ز ب ک ا الد فی خلق ر	133				
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10						/ A	IORE					
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14												
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Witness	sed by:											

Witnessed by:

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

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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.



Project: Construction of Building of Government Special Education Centre, Kot Radha Kishan District Kasur. ADP No. 448 (2021-22) Our Ref. No. CL/CED/ 860 Dated: 06-01-23 **Test Specification** Your Ref. No. 71/KRK Dated: 23/11/2022

COMPRESSION TEST REPORT



(BS 3921**)

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

Specim	ens received on:	22	2/12/2	2022	Tested on:	05-0	1-23	in dry/wet condition		Ü		
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Absorpti	Remarks
		DD	ММ	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	IBS				8.8 x 4.3 x 3		3470	37.84	35	2072		
2	IBS				8.8 x 4.2 x 3		3595	36.96	36	2182		
3	IBS				8.8 x 4.3 x 3		3440	37.84	34	2013		
4	IBS				8.9 x 4.3 x 3.1		3450	38.27	36	2107		
5	IBS				8.8 x 4.3 x 3.1	THINE	3575	37.84	35	2072		
6						READIN						
7						OF THY UCRD WHO CREATES	زیجے۔ اندکی خلق ر				-	
8					S.R. 1		Ţ				-	
9					-	-		~			-	
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11												
12											-	
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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

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

> 4506 Engr. Ubaid

To: M. Wagas Anwar

Resident Engineer, NESPAK (PVT) Limited Project: Improvement of Lahore-Jaranwala Road from Saggian Bypass to Begum Kot, Lahore. (Contractor: M/S Zoraiz Engineers Pvt. Ltd.) Our Ref. No. CL/CED/ 861 Dated: 06-01-23 **Test Specification** Your Ref. No. 3772/SB-BK/103/MWA/04/23 Dated: 26/11/2022

COMPRESSION TEST REPORT



(BS 3921**)

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

Specimens received on:		30/12/2022		2022	Tested on: 05-01-23 i		in dry/wet condition			E E		
Sr. No.	Mark*	Cas	-	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	RB				8.8 x 4.3 x 3	3745	3335	37.84	40	2368	12.29	
2	RB				8.9 x 4.4 x 3	3875	3410	39.16	36	2059	13.64	
3	RB				8.7 x 4.3 x 3.1	3855	3430	37.41	42	2515	12.39	
4	RB				8.8 x 4.3 x 3	3850	3345	37.84	30	1776	15.1	
5	RB				8.9 x 4.3 x 3	3805	3335	38.27	37	2166	14.09	
6	RB				8.8 x 4.2 x 3	3705	3340	36.96	37	2242	10.93	
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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)



4513 Dr. M. Yousaf

To: **Director Projects**

Innovative ® Construction Company

Project: Construction of Office & WareHouse Building for NBS, Plot # 131-1B, Quaid-e-Azam Industrial Estate, Kot Lakhpat, Lahore Our Ref. No. CL/CED/ 862 Dated: 06-01-23 **Test Specification**

Dated:

03-01-23

Your Ref. No. CT/NBS/0123/10

COMPRESSION TEST REPORT



(----)

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

Specimens received on:		03-01-23			Tested on:	06-01-23		in dry/wet condition				jesneg j
Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Rectangular, Grey, 50 mm				7.8 x 3.8 x 2		2245	29.64	45	3401		
2	Rectangular, Grey, 50 mm				7.8 x 3.8 x 2		2315	29.64	65	4912		
3	Rectangular, Grey, 50 mm				7.8 x 3.8 x 2		2170	29.64	62	4686		
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