

Mr. Muhammad Arfat

To:

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.

6915 Dr. Qasim Khan

Resident Engineer, ACE-ARTS (Consultants), (UAEET) Sambrial, Sialkot.									
Project: Establishment of University of Applied Engineering and Emerging Technologies (UAEET) Sambrial, Sialkot.									
Our Ref. No. CL/	CED/ 4495	Dated:	22/3/2024						
Your Ref. No.	ER/UAEET/ACE/ME/2024/11	Dated:	22/3/2024						

COMPRESSION TEST REPORT



Test Specification (ASTM C39)

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

Specimo	ens received on:	22	2/03/2	2024	Tested on:	22/3	/2024	in dry/wet	t condition		Ū	o criating a
Sr. No.	Mark*	Cas	sting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		00			(11)	(r.g/ gms)	(Kg/ gins)	(34. 11)	(imp.rons)	(psi)	. ,	
1	4000 Psi	19	12	2023	6Diax12		14	28.28	92	7287		Non Engraved
2	4000 Psi	19	12	2023	6Diax12		14	28.28	86	6812		Non Engraved
3	4000 Psi	19	12	2023	6Diax12		14	28.28	102	8079		Non Engraved
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Witnessed by: Mr. Umair, Material Engineer, ACE-ARTS

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

> 6866 Dr. Umbreen

Test Specification

(ASTM C39)

To:	Engr	Ahmed
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Manager Structures, M/S Iqbal Uzair & Associates.

 Project: Testing of Cylinders of Mix Design ratio 1:1:2 with 800 ml Superplastisizer. (Contractor: CBS Developers)

 Our Ref. No. CL/CED/
 4496
 Dated: 22/3/2024

 Your Ref. No.
 Nil
 Dated: Nil

COMPRESSION TEST REPORT

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

Specim	ens received on:	14	/03/2	2024	Tested on:	22/3	/2024	in dry/wet condition				16236295
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (76)	
1	Columns (4500 Psi)	31	1	2024	6Diax12		15	28.28	81	6416		Non Engraved
2	Columns (4500 Psi)	31	1	2024	6Diax12		15	28.28	94	7446		Non Engraved
3	Columns (4500 Psi)	31	1	2024	6Diax12		15	28.28	100	7921		Non Engraved
4	Columns (4500 Psi)	2	2	2024	6Diax12		14.4	28.28	83	6574		Non Engraved
5	Columns (4500 Psi)	2	2	2024	6Diax12	WHINE	RI/15	28.28	72	5703		Non Engraved
6	Columns (4500 Psi)	2	2	2024	6Diax12	READIN	15	28.28	72	5703		Non Engraved
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Witness	a d huu											

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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Civil Engineering Department

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

6898 Dr. Umbreen

To: Mr. Shahzad Mukhtar

Project Manager, Aitchison College, Lahore.

Project: Construction of Riding Pavilion, Aitchison College, Lahore.

Our Ref. No. CL/CED	/ 4497	Dated:	22/3/2024	Test Specification
Your Ref. No. P	-	Dated:	20/3/2024	(ASTM C39)

7

COMPRESSION TEST REPORT



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

Specim	ens received on:	20	/03/2	2024	Tested on:	22/3	/2024	in dry/we	t condition			i Crathadh
Sr. No.	Mark*	Cas DD	ting MM	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 Work- Wall	20	2	2024	6Diax12		14.2	28.28	71	5624		Non Engraved
2	RCC Work- Wall	20	2	2024	6Diax12		13.8	28.28	73	5782		Non Engraved
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5						THE	RINS A					
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Witnessed by:

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Civil Engineering Department

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> 6907 Dr. Umbreen

To: Mr. Junaid Ur Rehman

Assistant Resident Engineer, NESPAK- ACE (Pvt) Ltd. JV PRSWSSP, Ahmedpur Sial Project: Punjab Rural Sustainable Water Supply and Sanitation Project (PRSWSSP), (Package-APS-01 & APS-02) Our Ref. No. CL/CED/ 4498 Dated: 22/3/2024 **Test Specification** Your Ref. No. PRSWSSP/RE/APS/L/1204 Dated: 12-03-24 (ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	21	/03/2	2024	Tested on:	22/3	/2024	in dry/wet condition		C	jester	
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti on (%)	Remarks
1	RCC Pipes (1:1.5:3)-	טט 19	2	2024	(IN) 6Diax12	(Kg/ gms) 	(Kg/ gms) 13.2	(Sq. III) 28.28	(Imp. rons) 36	(psi) 2851		Non Engraved
2	4000 Psi RCC Pipes (1:1.5:3)-	19	2	2024	6Diax12		13.2	28.28	50	3960		Non Engraved
3	4000 PSI RCC Pipes (1:1.5:3)- 4000 Psi	19	2	2024	6Diax12		13	28.28	52	4119		Non Engraved
4	RCC Pipes (1:1.5:3)- 4000 Psi	19	2	2024	6Diax12		14	28.28	44	3485		Non Engraved
5	RCC Pipes (1:1.5:3)- 4000 Psi	19	2	2024	6Diax12	N BINE	RI/13	28.28	46	3644		Non Engraved
6	RCC Pipes (1:1.5:3)- 4000 Psi	19	2	2024	6Diax12	READIN	14	28.28	50	3960		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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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 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

> 6899 Dr. Umbreen

To: Mr. M. Usman Rauf

Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Improvement of PCC Main Street Tajpura Pind Lahore (Aziz Bhatti Zone). (MCL Projects)

Our Ref. No. CL/	'CED/ 4499	Dated:	22/3/2024	Test Specification
Your Ref. No.	4084/103/MUR/104/1805	Dated:	12-03-24	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimo	ens received on:	2	0/3/2	024	Tested on:	22/3	/2024	in dry/wet	t condition		[I CERRER D
Sr. No.	Mark*	Cas DD	ting MM	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		20	2	2024	6x6x6		8.6	36	86	5351		Non Engraved
2		20	2	2024	6x6x6		8	36	66	4107		Non Engraved
3		20	2	2024	6x6x6		8.6	36	95	5911		Non Engraved
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6					>	READ IN	2071					
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Witness	ed by:											

witnessea by:

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

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> 6881 Dr. Ubaid

Test Specification

(ASTM C39)

To: Sub Divisional Officer

Link Sub Division, Chakbandi Division Lahore.

Project: Const. of Gated Head Regulators from RD: 205+000 to 283+000 of BRBD Link Canal of Chakbandi									
Division Lahore (Package-A) [At RD 210+000 Defence Head Regulator- Stilling Basin Wall L/S 1st Portion]									
Our Ref. No. CL/CED/ 4500	Dated:	22/3/2024							
Your Ref. No. 64/66-G	Dated:	11-03-24							

Your Ref. No. 64/66-G

COMPRESSION TEST REPORT

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

Specim	ens received on:	18	/03/2	2024	Tested on:	22/3	/2024	in dry/wet condition			Ē	je su si
Sr. No.	Mark*	Cas DD	ting MM	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	12	2	2024	6Diax12		13.6	28.28	54	4277		Non Engraved
2	4000 Psi	12	2	2024	6Diax12		14.6	28.28	51	4040		Non Engraved
3	4000 Psi	12	2	2024	6Diax12		14.6	28.28	51	4040		Non Engraved
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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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2. The test results are recommended to be interpreted in the light of above factors by the engineer.



6881 Dr. Ubaid

To: Sub Divisional Officer

Link Sub Division, Chakbandi Division Lahore

Project: Const. of Gated Head Regulators from RD: 205+000 to 283+00	0 of BRBD Link	Canal of Chakbandi
Division Lahore (Package-A) [At RD 210+000 Defence Head Regulator	- Stilling Basin	Wall R/S 1st Portion]
Our Ref. No. CL/CED/ 4501	Dated:	22/3/2024
Your Ref. No. 66/66-G	Dated:	12-03-24

Your Ref. No. 66/66-G

COMPRESSION TEST REPORT

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

Specimens received on:		18/03/2024		2024	Tested on:	22/3/2024		in dry/wet condition				16238896
Sr. No.	Mark*	Cas DD	ting MM	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	13	2	2024	6Diax12		14.2	28.28	50	3960		Non Engraved
2	4000 Psi	13	2	2024	6Diax12		13.8	28.28	53	4198	-	Non Engraved
3	4000 Psi	13	2	2024	6Diax12		14.6	28.28	51	4040		Non Engraved
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12												
13												
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Witnessed by:

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Supervisor (Lab)



Test Specification

(ASTM C39)



> 6881 Dr. Ubaid

Test Specification

(ASTM C39)

To: Sub Divisional Officer

Link Sub Division. Chakbandi Division Lahore

Project: Const. of Gated Head Regulators from RD: 205+000 to 283+000 of BRBD Link Canal of Chakbandi Division Lahore (Package-A) [At RD 210+000 Defence Head Regulator- Glasis Wall R/S 1st Portion] Our Ref. No. CL/CED/ 4502 Dated: 22/3/2024 Dated: 12-03-24

Your Ref. No. 69/66-G

COMPRESSION TEST REPORT

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



Witnessed by:

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

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> 6881 Dr. Ubaid

To: Sub Divisional Officer

Link Sub Division, Chakbandi Division Lahore

Project:Const. of Gated Head Regulators from RD: 205+000 to 283+000 of BRBD Link Canal of Chakbandi Div. Lhr (Pkg-A) [At RD 233+000 Defence Head Regulator- Straight W./Face W. R/S Upstream 1st Portion] Our Ref. No. CL/CED/ 4503 22/3/2024 Dated: **Test Specification** Your Ref. No. 70/66-G Dated: 15/3/2024

COMPRESSION TEST REPORT

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



(ASTM C39)

Specime	ens received on:	18	8/03/2	2024	Tested on:	22/3	/2024	in dry/wet condition					
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti on (%)	Remarks	
		00			(11)	(rty/ gills)	(r.g/ gills)	(3q. 11)	(1111.10115)	(psi)			
1	4000 Psi	16	2	2024	6Diax12		14.4	28.28	41	3248		Non Engraved	
2	4000 Psi	16	2	2024	6Diax12		14.6	28.28	38	3010		Non Engraved	
3	4000 Psi	16	2	2024	6Diax12		14.8	28.28	39	3089		Non Engraved	
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6					>	READ IN	2071						
7						OF THY HORD WHO OREATES	زیجب الذکی خلق ر						
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9						20	1						
10							ORL						
11													
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14													
15													
16													
Witness	ed by:												

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> 6881 Dr. Ubaid

Test Specification

(ASTM C39)

To: Sub Divisional Officer

Link Sub Division. Chakbandi Division Lahore

Project: Const. of Gated Head Regulators from RD: 205+000 to 283+000 of BRBD Link Canal of Chakbandi Division Lahore (Package-A) [At RD 210+000 Defence Head Regulator- Glasis Wall R/S 1st Portion] Our Ref. No. CL/CED/ 4504 Dated: 22/3/2024 Dated: 16-03-24

Your Ref. No. 71/66-G

COMPRESSION TEST REPORT

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



Witnessed by:

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> 6901 Dr. Umbreen

Test Specification

To: Mr. Asif Javed

Resident Engineer, New Vision Engineering Consultant

Project: Strengthening Infrastructure and Academic Programs of Government College Women University Sialkot. Construction of Faculty Natural Sciences Block (First Floor) Group-01 (AREA#09 SLAB) Our Ref. No. CL/CED/ 4505 Dated: 22/3/2024 04-03-24 Dated:

Your Ref. No. NVEC/GCWUS/T-21

COMPRESSION TEST REPORT

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



Specim	ens received on:	20/3/2024		024	Tested on:	22/3/2024		in dry/wet condition				je slavi
Sr. No.	Mark*	Cas DD	ting MM	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		3	2	2024	6x6x6		8.4	36	83	5164		Non Engraved
2		3	2	2024	6x6x6		8.2	36	84	5227		Non Engraved
3		3	2	2024	6x6x6		8.4	36	92	5724		Non Engraved
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Witness	Witnessed by:											

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

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

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.



> 6901 Dr. Umbreen

Test Specification

To: Mr. Asif Javed

Resident Engineer, New Vision Engineering Consultant

Project: Strengthening Infrastructure and Academic Programs of Government College Women University Sialkot. Construction of Faculty Natural Sciences Block (First Floor) Group-01 (AREA#10 COLUMNS) Our Ref. No. CL/CED/ 4506 Dated: 22/3/2024 Dated: 10-01-24

Your Ref. No. NVEC/GCWUS/T-19

COMPRESSION TEST REPORT

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



Specimens received on:		20/3/2024			Tested on:	22/3	/2024	in dry/wet condition			00000000000000000000000000000000000000		
Sr. No.	Mark*	Cas	asting Date*		Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks	
		00			(11)	(Kg/ gms)	(Kg/ gms)	(34. 11)	(imp.rons)	(psi)	. ,		
1		13	12	2023	6x6x6		9	36	86	5351		Non Engraved	
2		13	12	2023	6x6x6		9	36	84	5227		Non Engraved	
3		13	12	2023	6x6x6		8.8	36	92	5724		Non Engraved	
4													
5					- (STINE	RING .						
6					-)	READ IN	207	<u> </u>					
7						OF THY CORD WHC CREATES	زیجک الذکی خلق ر						
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9					- /	20-		?					
10					<	(A	IORE.						
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16													
Witness	ad hu												

witnessea 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)



> 6901 Dr. Umbreen

Test Specification

To: Mr. Asif Javed

Resident Engineer, New Vision Engineering Consultant

Project: Strengthening Infrastructure and Academic Programs of Government College Women University Sialkot. Construction of Faculty Natural Sciences Block (First Floor) Group-01 (COLUMNS) Our Ref. No. CL/CED/ 4507 Dated: 22/3/2024 Dated: 22/11/2023

Your Ref. No. NVEC/GCWUS/T-16a

COMPRESSION TEST REPORT

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



Specime	ens received on:	20/3/2024			Tested on:	22/3	/2024	in dry/wet condition				
Sr. No.	Mark*	Cas DD	ting MM	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		23	10	2023	6x6x6		8.6	36	86	5351		Non Engraved
2		23	10	2023	6x6x6		8.6	36	88	5476		Non Engraved
3		23	10	2023	6x6x6		9.2	36	100	6222		Non Engraved
4												
5					-	THINE	RIN'S					
6					-	KEAU N	2071	<u> </u>				
7						OF THY -CORD WHO OREATES	ز ب ک اند کی خلق ر					
8					- 48			5-				
9					7	20-		?				
10							IORE					
11												
12												
13												
14												
15												
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 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)



ORIGINAL

6905 Dr. Umbreen

To: Mr. Muhammad Imran Khan Material Engineer ECSP, MPA Hostel, Phase-II

 Project: Engineering Consultancy Services for Construction of MPA'S Hostel Lahore, Phase-II (Water Tank Slab- Group No. 2). (Contractor: M/s Shafiq Construction Company)

 Our Ref. No. CL/CED/
 4508
 Dated:
 22/3/2024

Dated:

04-03-24

Your Ref. No. 340/ECSP/MPA/ME/84

COMPRESSION TEST REPORT



Test Specification

(BS 1881-116)

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

Specimens received on:		2	1/3/2	024	Tested on:	22/3	/2024	in dry/we	t condition		00000000000000000000000000000000000000		
Sr. No.	Mark*	Cas	Casting Date*		Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks	
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)			
1	Ratio (1:1.5:3)	2	2	2024	6x6x6		8.6	36	65	4044		Non Engraved	
2	Ratio (1:1.5:3)	2	2	2024	6x6x6		9	36	78	4853		Non Engraved	
3	Ratio (1:1.5:3)	2	2	2024	6x6x6		9	36	79	4916		Non Engraved	
4													
5						NHNE	RING						
6)	READ IN	2071						
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15													
16													
14/24-2-2-2	and here												

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.



Civil Engineering Department

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

6896 Dr. Umbreen

Test Specification

(BS 1881-116)

To: Mr. Naveed Sultan

Civil Officer, Access Engineering (Pvt) Ltd

Project: Workshop Builiding Footing and Pedestal

Our Ref. No. CL/CED/	4509		

Your Ref. No. Nil

COMPRESSION TEST REPORT

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

Specimens received on:		20/3/2024			Tested on:	22/3/2024 in dry/wet condition		t condition		0	I CRARK	
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	AE Workshop (Footing)	14	2	2024	6x6x6		8.4	36	78	4853		Engraved
2	AE Workshop (Footing)	14	2	2024	6x6x6		8.4	36	79	4916		Engraved
3	AE Workshop (Footing)	14	2	2024	6x6x6		8.4	36	84	5227		Engraved
4	AE Workshop (Footing)	14	2	2024	6x6x6		9	36	86	5351		Engraved
5	AE Workshop (Column)	15	2	2024	6x6x6	tiNE	R//9	36	83	5164		Engraved
6	AE Workshop (Column)	15	2	2024	6x6x6 🔪	READ IN	8.8	36	83	5164		Engraved
7	AE Workshop (Column)	15	2	2024	6x6x6	OF THY 	8.8 على	36	82	5102		Engraved
8	AE Workshop (Column)	15	2	2024	6x6 <mark>x6</mark>		9	36	83	5164		Engraved
9						20		~				
10						LA	IORE.					
11												
12												
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15												
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Witness	od 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)

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

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

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

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

2. The test results are recommended to be interpreted in the light of above factors by the engineer.



Dated: 19/3/2024

22/3/2024

Dated:



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.

> 6830 Dr. Umbreen

To: Sub Divisional Officer Sub Division No. 17, GOR-I, Lahore.

Project: Construction of Balance Work "Punjab Small Industries Coporation House", Davis Road, Lahore.

Our Ref. No. CL/C	ED/ 4510	Dated:	22/3/2024	Test Specification
Your Ref. No.	SDO/1045	Dated:	05-03-24	()

COMPRESSION TEST REPORT



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

Specimens received on:		07-03-24			Tested on:	22/3	/2024	in dry/wet condition				0620240
Sr. No. Mark*		Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	МТ				8.7 x 4.2 x 3	3590	3330	36.54	55	3372	7.81	
2	МТ				8.8 x 4.3 x 2.9	3565	3230	37.84	56	3315	10.37	
3	МТ				8.9 x 4.3 x 3	3650	3235	38.27	52	3044	12.83	
4												
5						NHNE	RING			-		
6					>	READ IN	2071					
7						OF THY HORD WHO CREATES	زیجی ان کی خلق ر	£2				
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14												
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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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Note: Above results pertain to the unsealed samples supplied to the laboratory

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Supervisor (Lab)