

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

> 2212 Dr. Umbreen

Al Hadi Textile (Pvt.) Ltd.

3.5 Km Rohi Nala (Hudiara Drain) off 22km, Ferozepur Road Lahore-Cantt Pakistan

Project: Al Hadi Textile (Pvt.) Ltd.

Our Ref. No. CL/CED/ 6306 Dated: 09-11-21 Your Ref. No. Dated:

08-11-21

**Test Specification** ( ---- )



### **COMPRESSION TEST REPORT**

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

Specimens received on: 08-11-21 Tested on: 08-11-21 in dry/wet condition

Size Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
(in) (Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
8x3.8x3.1	3520	29.64	96	7255		
8x3.8x3.1	3705	29.64	92	6953		
8x3.8x3.1	3600	29.64	81	6121		
8x3.8x3.1	3805	29.64	104	7860		
8x3.8x3.1	3480	29.64	106	8011		
8x3.8x3.1	3535	29.64	116	8767		
	8x3.8x3.1 8x3.8x3.1 8x3.8x3.1 8x3.8x3.1 8x3.8x3.1	8x3.8x3.1 3520 8x3.8x3.1 3705 8x3.8x3.1 3600 8x3.8x3.1 3805 8x3.8x3.1 3535	8x3.8x3.1 3520 29.64 8x3.8x3.1 3705 29.64 8x3.8x3.1 3600 29.64 8x3.8x3.1 3805 29.64 8x3.8x3.1 3480 29.64 8x3.8x3.1	8x3.8x3.1      3520     29.64     96       8x3.8x3.1      3705     29.64     92       8x3.8x3.1      3600     29.64     81       8x3.8x3.1      3805     29.64     104       8x3.8x3.1      3480     29.64     106       8x3.8x3.1 </td <td>8x3.8x3.1      3520     29.64     96     7255       8x3.8x3.1      3705     29.64     92     6953       8x3.8x3.1      3600     29.64     81     6121       8x3.8x3.1      3805     29.64     104     7860       8x3.8x3.1      3480     29.64     106     8011       8x3.8x3.1      3535     29.64     116     8767  </td> <td>8x3.8x3.1      3520     29.64     96     7255        8x3.8x3.1      3705     29.64     92     6953        8x3.8x3.1      3600     29.64     81     6121        8x3.8x3.1      3805     29.64     104     7860        8x3.8x3.1      3480     29.64     106     8011        8x3.8x3.1      3535     29.64     116     8767   </td>	8x3.8x3.1      3520     29.64     96     7255       8x3.8x3.1      3705     29.64     92     6953       8x3.8x3.1      3600     29.64     81     6121       8x3.8x3.1      3805     29.64     104     7860       8x3.8x3.1      3480     29.64     106     8011       8x3.8x3.1      3535     29.64     116     8767	8x3.8x3.1      3520     29.64     96     7255        8x3.8x3.1      3705     29.64     92     6953        8x3.8x3.1      3600     29.64     81     6121        8x3.8x3.1      3805     29.64     104     7860        8x3.8x3.1      3480     29.64     106     8011        8x3.8x3.1      3535     29.64     116     8767

### 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)



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

> 2204 Dr. Mazhar

Test Specification

( ASTM C39 )

Mr. Hussain Abid

Planning & Coordination Engineer, Ittefaq Building Solutions (Pvt) Ltd.

Project: Master Textile Mills Ltd. (Extension of Spinning unit M-7)

Our Ref. No. CL/CED/ 6307 Dated: 09-11-21

Your Ref. No. IBS/M-7/Foundation/EF/50~53 Dated: 04-11-21

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 04-11-21 Tested on: 08-11-21 in dry/wet condition

Sr. No.	Mark*	Cas	_	Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Foundation (Line EF/Grid 50~53)	2	10	21	6Diax12		15	28.28	(IIIIp. 1011s) 49	3881		Engraved
2	Foundation (Line EF/Grid 50~53)	2	10	21	6Diax12		13.8	28.28	43	3406		Engraved
3	Foundation (Line EF/Grid 50~53)	2	10	21	6Diax12		15	28.28	53	4198		Engraved
4												
5												
6												
7												
8												
9							-			-		-
10							-			-	-	1
11										-		-
12										-		-
13												
14												
15							-			-	-	1
16											-	-

#### Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

- 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)



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

> 2204 Dr. Mazhar

Test Specification

( ASTM C39 )

Mr. Hussain Abid

Planning & Coordination Engineer, Ittefaq Building Solutions (Pvt) Ltd.

Project: Master Textile Mills Ltd. (Extension of Spinning unit M-7)

Our Ref. No. CL/CED/ 6308 Dated: 09-11-21 Your Ref. No. IBS/M-7/Columns/D/53~51 Dated:

04-11-21

### **COMPRESSION TEST REPORT**

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

Specimens received on: 04-11-21 Tested on: 08-11-21 in dry/wet condition

Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
	DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
Columns (Line D/Grid 53~51)	4	10	21	6Diax12		14.4	28.28	65	5149		Engraved
Columns (Line D/Grid 53~51)	4	10	21	6Diax12		14.6	28.28	65	5149		Engraved
Columns (Line D/Grid 53~51)	4	10	21	6Diax12		15	28.28	67	5307		Engraved
		-									
		ł							I		-
		ł							I		
		ł	-	-		-		-	I		-
		ł	-			-			I		-
		1									-
		ł							I		-
		-							-		
		ł							1		
		ł							-		
		I							1		-
	Columns (Line D/Grid 53-51) Columns (Line D/Grid 53-51) Columns (Line D/Grid 53-51)	Mark*  DD  Columns (Line D/Grid 53~51) Columns (Line D/Grid 53~51)	Mark*    DD   MM	DD MM YYYY   Columns (Line D/Grid 53-51)	Mark*    DD   MM   YYYY   (in)	Mark*    DD   MM   YYYY   (in)   (Kg/ gms)	Mark*   Casting Date*   Size   Weight   Weight	Mark*         Casting Date*         Size         Weight Weight Weight Weight (Kg/ gms)         X-Section (Sq. in)           Columns (Line D/Grid 53~51)         4         10         21         6Diax12          14.4         28.28           Columns (Line D/Grid 53~51)         4         10         21         6Diax12          14.6         28.28           Columns (Line D/Grid 53~51)         4         10         21         6Diax12          15         28.28	Mark*   Casting Date*   Size   Weight   Weight   Weight   Weight   Weight   Weight   Casting Date*   DD MM YYYY   (in)   (Kg/ gms)   (Kg/ gms)   (Sq. in)   (Imp.Tons)   (Im	Mark*   DD   MM   YYYY   (in)   (Kg/gms)   (Kg/gms)   (Kg/gms)   (Kg/gms)   (Kg/gms)   (Kg/gms)   (Kg/gms)   (Kg/gms)   (Kg/gms)   (Imp.Tons)   (psi)	Mark*   Casting Date*   Size   Weight   Weight   Weight   Weight   Weight   Weight   X-Section   load   Stress   Absorption (%)

#### 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)



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

> 2195 Dr. Aqsa

Mr. Muhammad Khalid Zaman, Resident Engineer

Engineering Consultancy Services Punjab (PVT.) Ltd.

Project: Supply, Construction, Installation and O&M of Surface Water Treatment Plant at Rural Area Okara,

Sahiwal.

Dated: Our Ref. No. CL/CED/ 6309 09-11-21

Your Ref. No. ECSP/PAPA/CZ-RN-15 Dated: 29-10-21 Test Specification ( ASTM C39 )



### **COMPRESSION TEST REPORT**

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

Specimens received on: 03-11-21 Tested on: 09-11-21 in dry/wet condition

Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
	DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
Chak 28/1AL 2nd Pouring (1:2:4)	25	9	21	6Diax12		13	28.28	57	4515		Non Engraved
Chak 28/1AL 2nd Pouring (1:2:4)	25	9	21	6Diax12		13.2	28.28	69	5465		Non Engraved
									1		
									-		
									I		
	Chak 28/1AL 2nd Pouring (1:2:4) Chak 28/1AL 2nd Pouring (1:2:4)	Mark* DD Chak 28/1AL 2nd Pouring (1:2:4) Chak 28/1AL 2nd Pouring (1:2:4)	Mark* DD MM Chak 28/1AL 2nd Pouring (1:2:4) Chak 28/1AL 2nd Pouring (1:2:4)	DD MM YYYY  Chak 28/1AL 2nd Pouring (1:2:4)  Chak 28/1AL 2nd Pouring (1:2:4)	Mark* DD MM YYYY (in)  Chak 28/1AL 2nd Pouring (1:2:4) Chak 28/1AL 2nd Pouring (1:2:4)	Mark*  DD MM YYYY (in) (Kg/ gms)  Chak 28/1AL 2nd Pouring (1:2:4)  Chak 28/1AL 2nd Pouring (1:2:4)	Mark*    DD   MM   YYYY   (in)   (Kg/ gms)   (Kg/ gms)	Mark*	Mark*   Date   Size   Weight   Weight   Weight   Weight   DD   MM   YYYY   (in)   (Kg/ gms)   (Kg/ gms)   (Kg/ gms)   (Sq. in)   (Imp.Tons)	Mark*   Casting Date*   Size   Weight   Weight   X-Section   load   Stress   (Kg/gms)   (Kg/gms)	Mark*

#### 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)



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

> 2184 Dr. Aqsa

Test Specification

( ASTM C39 )

Project Manager

Q-Links Property Management Pv.Ltd.

Project: Broadway Heights-3, Bahria Town, Lahore

Our Ref. No. CL/CED/ 6310 Dated: 09-11-21

Your Ref. No. QLC-BO-BH2-2021-085 Dated: 01-11-21

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 03-11-21 Tested on: 09-11-21 in dry/wet condition

		Cas	ting	Date*	Size	Wet	Dry	Area of	Ultimate	Ultimate	vvalei	
Sr. No.	Mark*		Ū			Weight	Weight	X-Section	load	Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	1st Floor (Grid # 15- 25), (3000 Psi)	4	10	21	6Diax12		13	28.28	23	1822		Non Engraved
2	1st Floor (Grid # 15- 25). (3000 Psi)	4	10	21	6Diax12		13	28.28	24	1901		Non Engraved
3												
4		-					-			I		
5		-					-			I		
6										I		
7												
8												
9												-
10										-		
11			-									
12												
13		-								-		
14		-			-		-			1		
15												
16					-		1			1		
Witness	and by:											

#### Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

- 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)



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

> 2209 Dr. Aqsa

Engr. Muhammad Akbar, CEO

NAM Associates Engineers and Architects, 98-E, Model Town Lahore

Project: MCB Bank Township, Lahore

09-11-21 Our Ref. No. CL/CED/ 6311 Dated: Test Specification Your Ref. No. NAM-424/23 Dated: 08-11-21 ( ASTM C39 )

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 08-11-21 Tested on: 09-11-21 in dry/wet condition

						Wet	Dest	Area of	Ultimate	Ultimate		
Sr. No.	Mark*	Cas	ting	Date*	Size	Weight	Dry Weight	X-Section		Stress	Water Absorpti	Remarks
		DD	мм	YYYY	(in)	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)		on (%)	
1		12	10	21	6Diax12		14	28.28	51	4040		Non Engraved
2		12	10	21	6Diax12		14	28.28	53	4198		Non Engraved
3					-							
4					-							
5					-							
6												
7												
8					-							
9												
10												
11												
12												
13												
14												
15												
16												
Witness	and hu:											

#### 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)



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

> 2207 Dr. Aqsa

Test Specification

Lt Col (Ubaid Ur Rehman, Retd) SPM(JV) PEC Bldg Proj

NLC Engineers-Tijaarat Developers(JV)

Project: Construction of PEC Regional Office, Lahore

Our Ref. No. CL/CED/ 6312 Dated: 09-11-21

Your Ref. No. 901/NLC-TD (JV)/PEC/395 Dated: 05-11-21

**COMPRESSION TEST REPORT** 

( ASTM C39 )

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

Specimens received on: 05-11-21 Tested on: 09-11-21 in dry/wet condition

Sr. No.	Mark*		_	Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	4th Floor Slab Part- 2 (1304)	5	10	21	6Diax12		13	28.28	71	5624		Non Engraved
2	4th Floor Slab Part- 2 (1306)	5	10	21	6Diax12		13	28.28	49	3881		Non Engraved
3	4th Floor Slab Part- 2 (1310)	5	10	21	6Diax12		13.2	28.28	54	4277		Non Engraved
4												
5												
6			-							I		
7			-									
8			-									
9												
10										-		
11			-									
12		-										
13										-		
14		-			-		-			1		
15												
16					-		-			1	-	
Witness			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)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)



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

> 2207 Dr. Aqsa

Lt Col (Ubaid Ur Rehman, Retd) SPM(JV) PEC Bldg Proj

NLC Engineers-Tijaarat Developers(JV)

**Project: Construction of PEC Regional Office Lahore** 

09-11-21 Our Ref. No. CL/CED/ 6313 Dated:

Your Ref. No. 901/NLC-TD (JV)/PEC/396 Dated: 05-11-21 Test Specification ( ASTM C39 )



### **COMPRESSION TEST REPORT**

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

Specimens received on: 08-11-21 Tested on: 09-11-21 in dry/wet condition

Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	4th Floor Lift Wall (1317)	8	10	21	6Diax12		13.2	28.28	77	6099		Non Engraved
2	4th Floor Lift Wall (1320)	8	10	21	6Diax12		13	28.28	94	7446		Non Engraved
3	4th Floor Lift Wall (1324)	8	10	21	6Diax12		13	28.28	85	6733		Non Engraved
4												
5												
6												
7			-							1	-	
8										-		
9			-				-			I		
10												
11			-							I		
12			-							I		
13										-		
14												
15			-							I	-	
16										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)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)



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

> 2205 Dr. Aqsa

Muhammad Saleem G.M

Professional Construction Services (Pvt.) Ltd.

Project: Construction of ABL PIA Employees Society Lahore

Our Ref. No. CL/CED/ 6314 Dated: 09-11-21 Test Specification Your Ref. No. PCS/21/Eng-128 Dated: 04-11-21 ( ASTM C39 )

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 04-11-21 Tested on: 09-11-21 in dry/wet condition

Sr. No.	Mark*		_	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	Lift Wall (1:2:4)	3	10	21	6Diax12		13.6	28.28	47	3723		Non Engraved
2												
3												
4												
5					-		1					-
6				-							-	
7												
8												
9					-		-			-		
10					-		-			-	-	-
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)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)



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

> 2205 Dr. Aqsa

Muhammad Saleem G.M

Professional Construction Services (Pvt.) Ltd.

Project: Construction of ABL PIA Employees Society Lahore

Our Ref. No. CL/CED/ 6315 Dated: 09-11-21 Test Specification Your Ref. No. PCS/21/Eng-128-A Dated: 04-11-21 ( ASTM C39 )

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 04-11-21 Tested on: 09-11-21 in dry/wet condition

Sr. No.	Mark*	Cas	_	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	Lift Wall (1:2:4)	3	10	21	6Diax12		14	28.28	47	3723		Non Engraved
2												
3												
4												
5												
6												
7												
8												
9					-		-					-
10					-		-			-		1
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)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)



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

> 2210 Dr. Aqsa

Mr. Muhammad Azeem (Operation Manager)

Amer Adnan Associates 17-E-II Gulberg III Lahore.

Project: Hotel Building at 24-A Block E/2 at Gulberg III Lahore

Our Ref. No. CL/CED/ 6316 Dated: 09-11-21 Your Ref. No. AAA/24A./0059 Dated: 08-11-21

Test Specification ( ASTM C39 )



### **COMPRESSION TEST REPORT**

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

Specimens received on: 08-11-21 Tested on: 09-11-21 in dry/wet condition

Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
	DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
3000 Psi	29	10	21	6Diax12		13.8	28.28	57	4515	-	Engraved
3000 Psi	29	10	21	6Diax12		14.4	28.28	59	4673		Engraved
			-							-	
		-									
		I		-		-			1	-	-
		-							-	-	-
		-									
		ł							1	-	
		I		-		-			1	-	-
		ł							-		
		I				-			1	-	-
	3000 Psi 3000 Psi	Mark* DD 3000 Psi 29 3000 Psi 29	Mark* DD MM 3000 Psi 29 10 3000 Psi 29 10	DD MM YYYY  3000 Psi 29 10 21  3000 Psi 29 10 21	Mark* DD MM YYYY (in)  3000 Psi 29 10 21 6Diax12	Mark*	Mark*    DD   MM   YYYY   (in)   (Kg/gms)   (Kg/gms)	Mark*	Mark*	Mark*	Mark*

### 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)



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

> 2210 Dr. Aqsa

Mr. Muhammad Azeem (Operation Manager)

Amer Adnan Associates 17-E-II Gulberg III Lahore

Project: Hotel Building at 24-A Block E/2 at Gulberg III Lahore

Our Ref. No. CL/CED/ 6317 Dated: 09-11-21 Your Ref. No. AAA/24A./0060 Dated: 08-11-21

Test Specification ( ASTM C39 )



# **COMPRESSION TEST REPORT**

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

Specimens received on: 08-11-21 Tested on: 09-11-21 in dry/wet condition

Engraved
Engraved
_ _ _ _

### 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)



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

> 2185 Dr. Aqsa

Test Specification

( ASTM C39 )

Project Manager

Q-Links Property Management Pvt. Ltd.

Project: Orchard Mall, Bahria Orchard Lahore

Our Ref. No. CL/CED/ 6318 Dated: 09-11-21

Your Ref. No. QLC-BO-BH2-2021-087 Dated: 02-11-21

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 03-11-21 Tested on: 09-11-21 in dry/wet condition

Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
	2nd Floor Lift (3750 Psi)	6	10	21	6Diax12		14	28.28	41	3248		Non Engraved
2	2nd Floor Lift (3750 Psi)	6	10	21	6Diax12		14	28.28	37	2931		Non Engraved
3	2nd Floor Lift (3750 Psi)	6	10	21	6Diax12		13.2	28.28	41	3248		Non Engraved
4	2nd Floor Column (5000 Psi)	6	10	21	6Diax12		14.2	28.28	63	4990		Non Engraved
5	2nd Floor Column (5000 Psi)	6	10	21	6Diax12		14	28.28	58	4594		Non Engraved
6	2nd Floor Column (5000 Psi)	6	10	21	6Diax12		14	28.28	58	4594		Non Engraved
7												
8												
9												
10												
11												
12												
13		-	-									
14							-					
15												
16												

#### Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

- 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)



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

> 2193 Dr. Aqsa

M/S CMPak Limited.

47-Off Kuri Road National Park Area Chak Shahzad Islamabad, Pakistan

Project: New Steel Platform foundation Quaid-e-Azam Industrial Estate (KLP) Lahore.

Our Ref. No. CL/CED/ 6319 Dated: 09-11-21

Your Ref. No. CMPAK/NDC/Cylinder/01 Dated: 19-10-21 Test Specification ( ASTM C39 )



### **COMPRESSION TEST REPORT**

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

Specimens received on: 03-11-21 Tested on: 09-11-21 in dry/wet condition

Foundation Raft (1:1.5:3) Foundation Raft (1:1.5:3)	21	MM 9	YYYY	(in)				load	Stress	Absorpti	Remarks
(1:1.5:3) Foundation Raft (1:1.5:3)		9		()	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
(1:1.5:3)		-	21	6Diax12		13.4	28.28	27	2139		Non Engraved
	21	9	21	6Diax12		13	28.28	31	2455		Non Engraved
									-		
			-			-			-		
		-	-			-			-		
	-	-	-						-		
	-										
	-	-									
		-	-			-			-		
	-	-									
	-										
	-										
		-									
		-		-		-					
	-	-	-								
				-		-		-			

### 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.



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

> 2193 Dr. Aqsa

M/S CMPak Limited

47-Off Kuri Road National Park Area Chak Shahzad Islamabad, Pakistan

Project: New Steel Platform foundation Quaid-e-Azam Industrial Estate (KLP) Lahore.

Our Ref. No. CL/CED/ 6320 Dated: 09-11-21

Your Ref. No. CMPAK/NDC/Cylinder/01 Dated: 20-10-21

**COMPRESSION TEST REPORT** 

Test Specification ( ASTM C39 )



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

Specimens received on: 03-11-21 Tested on: 09-11-21 in dry/wet condition

Sr. No.	Mark*		_	Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
			ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	OII ( /0)	
1	Foundation Column (1:1.5:3)	22	9	21	6Diax12		13.8	28.28	74	5861		Non Engraved
2	Foundation Column (1:1.5:3)	22	9	21	6Diax12		12.8	28.28	33	2614		Non Engraved
3												
4				-			-					
5			-	-			-			-		
6												
7												
8												
9												
10												
11												
12			-									
13												
14												
15				-								
16												
Witness	l le				_			_				

#### 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)



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

> 2193 Dr. Aqsa

M/S CMPak Limited

47-Off Kuri Road National Park Area Chak Shahzad Islamabad, Pakistan

Project: New Steel Platform foundation Quaid-e-Azam Industrial Estate (KLP) Lahore

Our Ref. No. CL/CED/ 6321 Dated: 09-11-21 Your Ref. No. 09-10-21

CMPAK/NDC/Cylinder/01 Dated: Test Specification ( ASTM C39 )



### **COMPRESSION TEST REPORT**

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

Specimens received on: 03-11-21 Tested on: 09-11-21 in dry/wet condition

Sr. No.	Mark*		_	Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Foundation Column		9	21	6Diax12		13	28.28	26	2059		Non Engraved
2		-	-									
3												
4												
5												
6												-
7												
8												
9												-
10										-	-	
11			-								-	
12		-	-									
13		-								-		
14										1		
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.

Supervisor (Lab)



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

> 2193 Dr. Aqsa

Test Specification

( ASTM C39 )

M/S CMPak Limited

47-Off Kuri Road National Park Area Chak Shahzad Islamabad, Pakistan

Project: New Steel Platform foundation Quaid-e-Azam Industrial Estate (KLP) Lahore

Our Ref. No. CL/CED/ 6322 Dated: 09-11-21

Your Ref. No. CMPAK/NDC/Cylinder/01 Dated: 07-10-21

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 03-11-21 Tested on: 09-11-21 in dry/wet condition

Sr. No.	Mark*		_	Date*	Size	Wet Weight		Area of X-Section	load		Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (%)	
1	Foundation Raft (1:1.5:3)	9	9	21	6Diax12		13	28.28	28	2218		Non Engraved
2	Foundation Raft (1:1.5:3)	9	9	21	6Diax12		12.8	28.28	23	1822		Non Engraved
3												
4				-			-		-			-
5												-
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												

### Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

- 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)



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

> 2186 Dr. Aqsa

Mr. Muhammd Khalid Zaman

Resident Engineer (ECSP PAPA Projects, Central Zone)

Project: Supply, Construction, Installation of Water Filteration Flants and Direct Supply in Faisalabad

Division.

Dated: Our Ref. No. CL/CED/ 6323

Your Ref. No. ECSP/PAPA/CZ-FSD-25 Dated: 23-10-21 Test Specification ( ASTM C39 )

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 03-11-21 Tested on: 09-11-21 in dry/wet condition

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)	on (%)	
1	Roof Slab 631 GB (1:2:4)	25	9	21	6Diax12		13.4	28.28	66	5228		Engraved
2	Roof Slab 631 GB (1:2:4)	25	9	21	6Diax12		13.6	28.28	47	3723		Engraved
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14					-		-			-		
15					-							
16										-		
Witness	od 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)



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

> 2186 Dr. Aqsa

Mr. Muhammd Khalid Zaman

Resident Engineer (ECSP PAPA Projects, Central Zone)

Project: Supply, Construction, Installation of Water Filteration Plants and Direct Supply in Faisalabad

Division

Dated: Our Ref. No. CL/CED/ 6324 09-11-21

Your Ref. No. ECSP/PAPA/CZ-FSD-26 Dated: 23-10-21 Test Specification ( ASTM C39 )



### **COMPRESSION TEST REPORT**

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

Specimens received on: 03-11-21 Tested on: 09-11-21 in dry/wet condition

Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Roof Slab 583 GB (1:2:4)	25	9	21	6Diax12		13.6	28.28	44	3485		Engraved
2	Roof Slab 583 GB (1:2:4)	25	9	21	6Diax12		13.4	28.28	41	3248		Engraved
3			1						-			
4			ł				-		I	I		
5			ł				-		I	I		
6			-						1	I		
7												
8			-									
9			ł				-		I	I		
10			ł				-		1	I		
11			-									
12												
13			ł						-	I		
14			I				-		1	1		
15			ł						-	-		
16			I						-	1		
Witness	sed 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)



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

> 2186 Dr. Aqsa

Mr. Muhammd Khalid Zaman

Resident Engineer (ECSP PAPA Projects, Central Zone)

Project: Supply, Construction, Installation of Water Filteration Plants and Direct Supply in Faisalabad

Division

Dated: Our Ref. No. CL/CED/ 6325 09-11-21

Your Ref. No. ECSP/PAPA/CZ-FSD-28 Dated: 27-10-21 Test Specification ( ASTM C39 )

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 03-11-21 Tested on: 09-11-21 in dry/wet condition

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)	on (%)	
1	Roof Slab 630 GB (1:2:4)	29	9	21	6Diax12		13.8	28.28	41	3248		Engraved
2	Roof Slab 630 GB (1:2:4)	29	9	21	6Diax12		14	28.28	49	3881		Engraved
3												
4												
5												
6												
7												
8												
9												
10												
11												
12		-										
13										1		
14					-		-			1		
15										-		
16										1		
Witness	and hur											

#### 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)



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

> 2186 Dr. Aqsa

Mr. Muhammd Khalid Zaman

Resident Engineer (ECSP PAPA Projects, Central Zone)

Project: Supply, Construction, Installation of Water Filteration Plants and Direct Supply in Faisalabad

Division

Dated: Our Ref. No. CL/CED/ 6326 09-11-21

Your Ref. No. ECSP/PAPA/CZ-FSD-34 Dated: 31-10-21 Test Specification ( ASTM C39 )



### **COMPRESSION TEST REPORT**

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

Specimens received on: 03-11-21 Tested on: 09-11-21 in dry/wet condition

Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Roof Slab 353 GB (1:2:4)	3	10	21	6Diax12		13.4	28.28	47	3723		Engraved
2	Roof Slab 353 GB (1:2:4)	3	10	21	6Diax12		13.6	28.28	50	3960		Engraved
3												
4										-		
5							-		-	I		
6			-	-						I		
7			-	-								
8			-	-								
9							-			1		
10							-			I		
11			-	-								
12			-	-								
13			-	-								
14							-			1		
15				-								
16							-			1		
\A/:4	a al lessa							· · · · · · · · · · · · · · · · · · ·				

#### 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)



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

> 2186 Dr. Aqsa

Test Specification

Mr. Muhammd Khalid Zaman

Resident Engineer (ECSP PAPA Projects, Central Zone)

Project: Supply, Construction, Installation of Water Filteration Plants and Direct Supply in Faisalabad

Division

Dated: Our Ref. No. CL/CED/ 6327 09-11-21

Your Ref. No. ECSP/PAPA/CZ-FSD-27 Dated: 27-10-21 ( ASTM C39 )

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 03-11-21 Tested on: 09-11-21 in dry/wet condition

Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Roof Slab 629 GB(1:2:4)	29	9	21	6Diax12		14	28.28	51	4040		Engraved
2	Roof Slab 629 GB(1:2:4)	29	9	21	6Diax12		13.6	28.28	60	4752		Engraved
3												
4												
5												
6												
7												
8												
9												
10										-		
11			-									
12												
13										1		
14					-		-			1		
15										-		
16										1		
Witness	od 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)



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

> 2186 Dr. Aqsa

Mr. Muhammd Khalid Zaman

Resident Engineer (ECSP PAPA Projects, Central Zone)

Project: Supply, Construction, Installation of Water Filteration Plants and Direct Supply in Faisalabad

Division

Dated: Our Ref. No. CL/CED/ 6328 09-11-21

Your Ref. No. ECSP/PAPA/CZ-FSD-35 Dated: 01-11-21 Test Specification ( ASTM C39 )



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

Specimens received on: 03-11-21 Tested on: 09-11-21 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	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	OII (70)	
1	Roof Slab 21 GB (1:2:4)	4	10	21	6Diax12		13	28.28	38	3010		Engraved
2	Roof Slab 21 GB (1:2:4)	4	10	21	6Diax12		13.4	28.28	36	2851		Engraved
3												
4							-			-		
5												
6												
7												
8												
9												
10												
11												
12			-									
13										1		
14												
15												
16												
Mitnooo	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)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)