

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.

> 6430 Dr. Umbreen

To: Mr. Z.H. Kazmi,

Principal Architect, Z.H. Kazmi & Associates.

Project: Construction of MCB Bank Ltd. Gohadpur Branch Gujranwala Reigon (0222)

Our Ref. No. CL/CED/ 3851 Dated: 02-01-24 <u>Test Specification</u>

Your Ref. No. Nil Dated: 21-12-23

COMPRESSION TEST REPORT

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

Specimens received on: 21-12-23 Tested on: 02-01-24 in dry/wet condition



(ASTM C39)



Sr. No.	Mark*	Cas	Casting Da	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		22	11	2023	6Diax12		13.6	28.28	50	3960		Non Engraved
2		22	11	2023	6Diax12		13.4	28.28	60	4752		Non Engraved
3		22	11	2023	6Diax12		13.8	28.28	60	4752		Non Engraved
4						/						
5						THE	RING					
6)	READ IN	200	X				
7					3	OF THY RORD WHO OREATES	ر تیب ان کی خلق ر	E				
8				-				3				
9				-		-						
10				-		LA	IORE.					
11										I		
12												
13										I		
14										I		
15							-			-		
16							-			-		
Witness	sed by: Nil											

witnessea by: Nii

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. **** ACl318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

- 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 ORIGINAL

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

> 6418 Dr. Umbreen

To: **Meezan Developers**

Plaza # 97, Block B, 2nd Floor, Main Boulevard, Jubilee Town Lahore.

Project: Construction of Jamia tur Rasheed Lahore Campus.

Our Ref. No. CL/CED/ 3852 Dated: 02-01-24 **Test Specification**

Your Ref. No. Dated: 20-12-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20-12-23 Tested on: 02-01-24 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	C-2	20	11	2023	6Diax12		13	28.28	63	4990		Engraved
2	C-2	20	11	2023	6Diax12		13	28.28	30	2376		Engraved
3												
4												
5						THILE	RIATO					
6)	KEAU N	2000	X				
7					- 7	OF THY HORD WHO OREATES	ر تاب المراقع ا	<u> </u>				
8								3				
9												
10						LA	IORE.					
11												
12												
13												
14												
15												
16												
Witness	ed by: Nil										•	

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

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 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 **ORIGINAL**

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

> 6418 Dr. Umbreen

To: **Meezan Developers**

Plaza # 97, Block B, 2nd Floor, Main Boulevard, Jubilee Town Lahore.

Project:Construction of Jamia tur Rasheed Lahore Campus.

Our Ref. No. CL/CED/ 3853 Dated: 02-01-24 **Test Specification**

Your Ref. No. Dated: 20-12-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20-12-23 Tested on: 02-01-24 in dry/wet condition





Sr. No.	r. 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	C-2	21	11	2023	6Diax12		13	28.28	40	3168		Engraved
2	C-2	21	11	2023	6Diax12		13	28.28	41	3248		Engraved
3												
4												
5						THILE	RING					
6)	KEAU N	200	X				
7					- 7	OF THY HORD WHO OREATES	ان کی خلق ر ان کی خلق ر	<u> </u>				
8								3				
9												
10						/A	IORE.					
11												
12												
13												
14												
15												
16												
Witness	ed by: Nil										•	

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

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 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 ORIGINAL

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

> 6460 Dr. Umbreen

To: **Meezan Developers**

Plaza # 97, Block B, 2nd Floor, Main Boulevard, Jubilee Town Lahore.

Project: Construction of Jamia tur Rasheed Lahore Campus.

Our Ref. No. CL/CED/ 3854 Dated: 02-01-24 **Test Specification**

Your Ref. No. Dated: 29-12-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 29-12-23 Tested on: 02-01-24 in dry/wet condition





Sr. No.	r. 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	C-1	3	12	2023	6Diax12		13	28.28	83	6574		Engraved
2	C-1	3	12	2023	6Diax12		13	28.28	63	4990		Engraved
3												
4												
5					(THILE	RIATO					
6)	KEAU N	200	X				
7					- 7	OF THY HORD WHO OREATES	ر بجب الذي خلق ر	<u> </u>				
8								3				
9												
10						/A	IORE.					
11												
12												
13												
14												
15												
16												
Witness	ed by: Nil										•	

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

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 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 ORIGINAL

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

> 6460 Dr. Umbreen

To: Meezan Developers

Plaza # 97, Block B, 2nd Floor, Main Boulevard, Jubilee Town Lahore.

Project: Construction of Jamia tur Rasheed Lahore Campus.

Our Ref. No. CL/CED/ 3855 Dated: 02-01-24 <u>Test Specification</u>

Your Ref. No. Nil Dated: 29-12-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 29-12-23 Tested on: 02-01-24 in dry/wet condition





Sr. No.	·. 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	C-2	26	11	2023	6Diax12		13.2	28.28	41	3248		Engraved
2	C-2	26	11	2023	6Diax12		13.6	28.28	83	6574		Engraved
3												
4						/						
5						THE	RING					
6)	READ IN	200	 -				
7					3	OF THY RORD WHO OREATES	ر تجب الدي خلق ر	- 53				
8				-				ASN.				
9						-						
10						(A	ORE					
11												
12												
13										-		
14										-		
15										-		
16										-		
Witness	sed by: Nil											

Witnessed by: Nil

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

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 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 ORIGINAL

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

> 6445 Dr. Umbreen

To: **Meezan Developers**

Plaza # 97, Block B, 2nd Floor, Main Boulevard, Jubilee Town Lahore.

Project: Construction of Jamia tur Rasheed Lahore Campus.

Our Ref. No. CL/CED/ 3856 Dated: 02-01-24 **Test Specification**

Your Ref. No. Dated: 26-12-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 26-12-23 Tested on: 02-01-24 in dry/wet condition





Sr. No.	r. 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	S-5	27	11	2023	6Diax12		12	28.28	39	3089		Engraved
2	S-5	27	11	2023	6Diax12		12.4	28.28	26	2059		Engraved
3												
4						/						
5						THE	RING					
6)	READ IN	200	 -				
7					3	OF THY RORD WHO OREATES	ر تیب ان کی خلق ر	- 53				
8								(S)				
9						10						
10						LA	IORE.					
11												
12												
13												
14												
15												
16												
Witness	sed by: Nil										•	

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

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 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 ORIGINAL

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

> 6445 Dr. Umbreen

To: Meezan Developers

Plaza # 97, Block B, 2nd Floor, Main Boulevard, Jubilee Town Lahore.

Project: Construction of Jamia tur Rasheed Lahore Campus.

Our Ref. No. CL/CED/ 3857 Dated: 02-01-24 <u>Test Specification</u>

Your Ref. No. Nil Dated: 26-12-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 26-12-23 Tested on: 02-01-24 in dry/wet condition





Sr. No.	. 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)		(Imp.Tons)	(psi)	on (%)	
1	C-4	22	11	2023	6Diax12		13.2	28.28	42	3327		Engraved
2	C-4	22	11	2023	6Diax12		13	28.28	64	5069		Engraved
3												
4						/						
5						THE	RING					
6)	READ IN	200	X				
7					1	OF THY	ر پیس الهٔ کی خلق ر	193		I		-
8					887					I		
9						-						
10						(A	ORE					
11										I		
12												
13										I		
14										I		
15										-		
16										-		
Witness	sed by: Nil											

witnessea by: Nii

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

- 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 ORIGINAL
A carbon copy for

the report has been retained in the lab for record.

6402 Dr. Umbreen

To: Mr. Ubedullah Samo

Resident Engineer, Punjab Rural Municipal Services Company, NESPAK Office

Project: Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP) Darya Khan. (Qamar Bhatta

Bricks). (M/s Habib Khan & Builders)

Our Ref. No. CL/CED/ 3858 Dated: 02-01-24 <u>Test Specification</u>

Your Ref. No. 4608/PRSWSSP/RE/DYK/04 Dated: 11-12-23 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 18-12-23 Tested on: 02-01-24 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti	Remarks
		DD	мм	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	111				8.8 x 4.2 x 2.5	2830	2380	36.96	20	1212	18.91	
2	111				8.8 x 4.2 x 2.6	2935	2405	36.96	13	788	22.04	
3	111				8.6 x 4 x 2.7	2760	2330	34.4	23	1498	18.45	
4	111				8.8 x 4.3 x 2.5	2855	2405	37.84	14.5	858	18.71	
5	111				8.7 x 4.2 x 2.7	2795	2305	36.54	13	797	21.26	
6	111				8.8 x 4.1 x 2.6	2875	2415	36.08	17	1055	19.05	
7					3	OF THY +CRD WHO CREATES	ر تجب الذي خلق ر	<u> </u>				
8												
9						-		~				
10						LA	ORE					
11												
12												
13										I		
14										I		
15										-	-	
16										-	-	
Witness	sed by:											

Witnessed by:

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

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 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 ORIGINAL

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

> 6402 Dr. Umbreen

To: Mr. Ubedullah Samo

Resident Engineer, Punjab Rural Municipal Services Company, NESPAK Office .

Project: Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP) Darya Khan. (Sadeeq Bhatta

Bricks). (M/s Habib Khan & Builders)

Our Ref. No. CL/CED/ 3859 Dated: 02-01-24 <u>Test Specification</u>

Your Ref. No. 4608/PRSWSSP/RE/DYK/05 Dated: 11-12-23 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 18-12-23 Tested on: 02-01-24 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	15				8.7 x 4.3 x 2.7	3275	2770	37.41	31	1856	18.23	
2	15				8.5 x 4.3 x 2.5	3165	2680	36.55	42	2574	18.1	
3	15				8.7 x 4.4 x 2.7	3265	2780	38.28	34	1990	17.45	
4	15				8.7 x 4.3 x 2.7	3200	2700	37.41	26	1557	18.52	
5	15				8.7 x 4.4 x 2.6	3125	2650	38.28	36	2107	17.92	
6	15				8.8 x 4.3 x 2.6	3255	2775	37.84	30	1776	17.3	
7					- 2	OF THY	ر تجب الذي خلق ر	E				
8												
9												
10						-LA	ORE					
11												
12												
13												
14												
15												
16												
Witness	end 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 comprerssive strength

- 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 ORIGINAL A carbon copy for

the report has been retained in the lab for record.

> 6402 Dr. Umbreen

To: Mr. Ubedullah Samo

Resident Engineer, Punjab Rural Municipal Services Company, NESPAK Office .

Project: Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP) Darya Khan. (Shahbaz Brick

Company Mark Grove). (M/s Habib Khan & Builders)

Our Ref. No. CL/CED/ 3860 Dated: 02-01-24 <u>Test Specification</u>

Your Ref. No. 4608/PRSWSSP/RE/DYK/02 Dated: 11-12-23 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 18-12-23 Tested on: 02-01-24 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	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Machine Made Double Line				8.4 x 3.8 x 2.5	2640	2265	31.92	20	1404	16.56	
2	Machine Made Double Line				8.6 x 4 x 2.5	2600	2280	34.4	18	1172	14.04	
3	Machine Made Double Line				8.6 x 3.9 x 2.9	2580	2480	33.54	27	1803	4.03	
4	Machine Made Double Line				8.6 x 4 x 2.6	2630	2165	34.4	29	1888	21.48	
5	Machine Made Double Line				8.4 x 3.9 x 2.6	2665	2410	32.76	23	1573	10.58	
6	Machine Made Double Line				8.6 x 4 x 2.5	2880	2390	34.4	27	1758	20.5	
7					1	OF THY -CRO WHO CREATES	ر پیس الهٔ کی خلق ر	E2		I	1	
8					887			3		I		
9						-						
10						LA	ORE					
11										I		
12												
13												
14												
15										-	-	
16												
Witness	ed hv											

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 comprerssive strength

- 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 ORIGINAL A carbon copy for

the report has been retained in the lab for record.

> 6402 Dr. Umbreen

Test Specification

To: Mr. Ubedullah Samo

Resident Engineer, Punjab Rural Municipal Services Company, NESPAK Office .

Project: Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP) Darya Khan. (Punch Grien

Bhatta Asmatullah Bricks). (M/s Habib Khan & Builders)

Our Ref. No. CL/CED/ 3861 Dated: 02-01-24

Your Ref. No. 4608/PRSWSSP/RE/DYK/03 Dated: 11-12-23 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 18-12-23 Tested on: 02-01-24 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	AD				8.6 x 4.2 x 2.9	3180	2645	36.12	26	1612	20.23	
2	AD				8.6 x 4.3 x 2.9	3270	2690	36.98	19.5	1181	21.56	
3	AD				8.6 x 4.3 x 2.8	3075	2565	36.98	37	2241	19.88	
4	AD				8.7 x 4.2 x 2.9	3155	2635	36.54	24	1471	19.73	
5	AD				8.6 x 4.3 x 2.8	3295	2630	36.98	19	1151	25.29	
6	AD				8.6 x 4.2 x 2.8	3275	2690	36.12	22.5	1395	21.75	
7					- 7	OF THY HORD WHO OREATES	ان کی خلق ر ان کی خلق ر	<u> </u>				
8								3				
9						10						
10						LA	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 comprerssive strength

- 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 **ORIGINAL**

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

> 6411 Dr. Umbreen

To: Mr. Ubedullah Samo

Resident Engineer, Punjab Rural Municipal Services Company, NESPAK Office.

Project: Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP) Darya Khan. (Thal Bricks

Company Brick Mark Grove). (M/s Treinador International Services Pvt. Ltd.)

Our Ref. No. CL/CED/ 3862 02-01-24 Dated: **Test Specification**

Your Ref. No. 4608/PRSWSSP/RE/DYK-2/09 Dated: 14-12-23 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 19-12-23 Tested on: 02-01-24 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	Machine Made Double Line				8.4 x 4 x 2.4	2645	2170	33.6	28	1867	21.89	
2	Machine Made Double Line				8.4 x 4 x 2.4	2780	2155	33.6	27	1800	29	
3	Machine Made Double Line				8.2 x 4 x 2.4	2975	2120	32.8	31	2117	40.33	
4	Machine Made Double Line				8.4 x 4 x 2.4	2725	2175	33.6	26.5	1767	25.29	
5	Machine Made Double Line				8.4 x 4 x 2.3	2925	2140	33.6	42	2800	36.68	
6	Machine Made Double Line				8.6 x 4 x 2.4	2935	2185	34.4	43	2800	34.32	
7						OF THY ORD WHO CREATES	ر بجب الذي خلق ر					
8					65			5				
9							67					
10					<	LA	10RL					
11												
12												
13												
14												
15												
16												
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 comprerssive strength

- 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 ORIGINAL
A carbon copy for

the report has been retained in the lab for record.

6411 Dr. Umbreen

Test Specification

To: Mr. Ubedullah Samo

Resident Engineer, Punjab Rural Municipal Services Company, NESPAK Office

Project: Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP) Darya Khan. (Insaaf Brick

Company). (M/s Treinador International Services Pvt. Ltd.)

Our Ref. No. CL/CED/ 3863 Dated: 02-01-24

Your Ref. No. 4608/PRSWSSP/RE/DYK-2/10 Dated: 14-12-23 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 19-12-23 Tested on: 02-01-24 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section			Absorpti	Remarks
		DD	мм	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	125				8.7 x 4.3 x 2.7	3070	2630	37.41	26	1557	16.73	
2	125				8.7 x 4.3 x 2.8	3225	2705	37.41	25	1497	19.22	
3	125				8.5 x 4.3 x 2.5	2800	2240	36.55	26	1593	25	
4	125				8.5 x 4.2 x 2.7	2710	2245	35.7	24	1506	20.71	
5	125				8.8 x 4.2 x 2.8	3245	2750	36.96	28	1697	18	
6	125				8.7 x 4.2 x 2.8	3205	2670	36.54	25	1533	20.04	
7					3	OF THY	ر تجب الذي خلق ر	<u> </u>				
8				-								
9				-		-		~				
10				-		LA	ORE					
11												
12												
13												
14												
15												
16												
Witness	sed by:											

Witnessed by:

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

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 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.