

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.

> 5974 Dr. Aqsa

To: Mr. Ghulam Shabbir

Site Manager, Penta Build Construction Services (SMC-Private) Limited.

Project: Nil

Our Ref. No. CL/CED/ 3067 Dated: 03-10-23 **Test Specification** (BS 1881-116)

Your Ref. No. PBCS-UET-004 Dated: 26-09-23

COMPRESSION TEST REPORT

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

in dry/wet condition Specimens received on: 27-09-23 Tested on: 03-10-23





Sr. No.	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 (%)	
1		23	9	2023	6x6x6		8.6	36	34	2116		Non Engraved
2		23	9	2023	6x6x6		8.6	36	34	2116		Non Engraved
3		23	9	2023	6x6x6		8.6	36	31	1929		Non Engraved
4						/						
5					(THILE	RIATO					
6) å	KEAU N	200	X				
7					- 7	OF THY	ر تاب المراقع ا	==				
8								5-				
9						10		~ /				
10						LA	IORE.					
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.

> 5974 Dr. Aqsa

To: Mr. Ghulam Shabbir

Site Manager, Penta Build Construction Services (SMC-Private) Limited.

Project: Nil

Our Ref. No. CL/CED/ 3068 Dated: 03-10-23 <u>Test Specification</u>

Your Ref. No. PBCS-UET-003 Dated: 26-09-23 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 27-09-23 Tested on: 03-10-23 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		20	9	2023	6x6x6		8.6	36	37	2302		Non Engraved
2		20	9	2023	6x6x6		8.6	36	35	2178		Non Engraved
3		20	9	2023	6x6x6		8.6	36	35	2178		Non Engraved
4						/						
5						THE	RING					
6)	READ IN	200	 -				
7					17	OF THY LEGRO WHO CREATES	ر بجب الدي خلق ر	E2		-		
8					887			5		I		
9				-		-						
10				-		LA	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. **** ACl318-08 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.

> 5973 Dr. Aqsa

To: Mr. Saeed Ahmad

ARE, PCP Package-V, Khanewal. (MM Pakistan Pvt. Ltd.)

Project: Widening / Raising and Improvement of Existing 2 Roads Including Installation of Street Lights in

Khanewal City. (Contractor: M/S Abdul Hamid Ghouri & Co.)

Our Ref. No. CL/CED/ 3069 Dated: 03-10-23

Your Ref. No. PCP/KW-58/2023 Dated: 19-09-23

COMPRESSION TEST REPORT

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

Specimens received on: 26-09-23 Tested on: 03-10-23 in dry/wet condition



Test Specification



Sr. No.	Sr. No. Mark*		sting	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	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1		3830	29.64	75	5668		
2	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1		3680	29.64	100	7557		
3	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1		3785	29.64	75	5668		
4	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1		3670	29.64	115	8691		
5	Rectangular, Red, 80mm				7.8 x 3.8 x 3.1	THE	3680	29.64	101	7633		
6	Rectangular, Red, 80mm				7.8 x 3.8 x 3.1	READ IN	3645	29.64	91	6877		
7	Kerb Stone				6 x 6 x 5.9	OF THY	8.4 عَلَىٰ الدَّنِّ عَلَىٰٰ عَلَىٰٰ	36	86	5351		Cut Cube
8	Kerb Stone	-			6 x 6 x 5.9		8.4	36	106	6596		Cut Cube
9	Kerb Stone				6 x 6 x 6		8.2	36	81	5040		Cut Cube
10						LA	IORE.					
11												
12				-								
13												
14										-		
15										-		
16												

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.

> 5977 Dr. Aqsa

To: Mr. Farhan Ramzan

Site Supervisor, Premier Services, Blue Area Islamabad

Project: MSC Boundary Wall Re-Construction at Zong MSC, Kot Lakhpat Lahore.

Our Ref. No. CL/CED/ 3070 Dated: 03-10-23 <u>Test Specification</u>

Your Ref. No. Nil Dated: 27-09-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 27-09-23 Tested on: 03-10-23 in dry/wet condition





Sr. No.	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 (%)	
1	(3000 Psi)	6	9	2023	6Diax12		13.2	28.28	50	3960		Non Engraved
2	(3000 Psi)	6	9	2023	6Diax12		12.2	28.28	67	5307		Non Engraved
3	(3000 Psi)	6	9	2023	6Diax12		13.8	28.28	49	3881		Non Engraved
4						/						
5						THE	RING					
6)	READ IN	200					
7					3	OF THY RORD WHO OREATES	ر تیب ان کی خلق ر	- 13				
8								(B)				
9						10						
10						LA	IORE.					
11												
12												
13												
14												
15												
16												
Witness	sed by: Nil											

witnessed 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 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.

> 5966 Dr. Aqsa

To: Mr. Arif Siddique

Ideal Construction Service

Project: Top Front Parapet Wall (FMH Tower Lahore)

Our Ref. No. CL/CED/ 3071 Dated: 03-10-23 <u>Test Specification</u>

Your Ref. No. ICS/786/561 Dated: 22-09-23

COMPRESSION TEST REPORT

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

Specimens received on: 26-09-23 Tested on: 03-10-23 in dry/wet condition



(ASTM C39)



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD		YYYY	(in)	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)		. (1.1)	
1	(3000 Psi)	24	8	2023	6Diax12		13.8	28.28	58	4594		Non Engraved
2	(3000 Psi)	24	8	2023	6Diax12		13.2	28.28	57	4515		Non Engraved
3	(3000 Psi)	24	8	2023	6Diax12		13.8	28.28	53	4198	1	Non Engraved
4												
5						THE	RING					
6						READ IN	207					
7					- X	OF THY HORD WHO CREATES	رجب الزرجي خلق ر	E -				
8								3				
9						1						
10						-1A	IORE.					
11												
12												
13												
14												
15											-	
16												
16												

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. **** ACl318-08 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.

> 5970 Dr. Aqsa

To: Mr. Muhammad Zubair Ahmed, A/XEN (B&R) for Garrison Engineer (Navy) Lahore.

Naval Complex Walton, Gulberg-III Lahore

Project: Construction of Children School (2nd & 3rd Floors) at NCW Lahore Phase-II

Our Ref. No. CL/CED/ 3072 Dated: 03-10-23 <u>Test Specification</u>

Your Ref. No. 6023/991/59/E-6 Dated: 15-07-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 26-09-23 Tested on: 03-10-23 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	3rd Floor Roof Slab	16	6	2023	6Diax12		14	28.28	91	7208		Non Engraved
2	3rd Floor Roof Slab	16	6	2023	6Diax12		13.8	28.28	82	6495		Non Engraved
3	3rd Floor Roof Slab	16	6	2023	6Diax12		13.6	28.28	92	7287		Non Engraved
4										I		
5						BINE	RING			I		
6						READ IN				I		
7					- A	OF THY	ر پیس الهٔ کی خلق ر			I		
8												
9												
10						LA	ORE					
11												
12												
13												
14												
15										-		
16												

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.

> 5970 Dr. Aqsa

To: Mr. Muhammad Zubair Ahmed A/XEN (B&R) for Garrison Engineer (Navy) Lahore

Naval Complex Walton, Gulberg-III Lahore

Project: Construction of Children School (2nd & 3rd Floors) at NCW Lahore Phase-II

Our Ref. No. CL/CED/ 3073 Dated: 03-10-23 <u>Test Specification</u>

Your Ref. No. 6023/991/58/E-6 Dated: 15-06-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 26-09-23 Tested on: 03-10-23 in dry/wet condition





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 (%)	
3rd Floor Columns	22	5	2023	6Diax12		14	28.28	71	5624		Non Engraved
3rd Floor Columns	22	5	2023	6Diax12		13.6	28.28	68	5386		Non Engraved
3rd Floor Columns	22	5	2023	6Diax12		14.6	28.28	93	7366		Non Engraved
	I										
	I				WEINE	RING					
	1				READ IN	207				-	
	1			- E	OF THY GREATES	ر تیب اندنی خلق ر	193		-	1	
	I										
							~				
					-UA	IORE.					
	-										
	-					-				-	
	3rd Floor Columns 3rd Floor Columns	Mark* DD 3rd Floor Columns 22 3rd Floor Columns 22	Mark* DD MM 3rd Floor Columns 22 5 3rd Floor Columns 22 5	DD MM YYYY 3rd Floor Columns 22 5 2023 3rd Floor Columns 22 5 2023 3rd Floor Columns 22 5 2023	Mark* DD MM YYYY (in) 3rd Floor Columns 22 5 2023 6Diax12 3rd Floor Columns 22 5 2023 6Diax12	Mark* Casting Date* Size Weight	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms)	Mark* Casting Date* Size Weight Weight (Kg/ gms) X-Section (Sq. in) 3rd Floor Columns 22 5 2023 6Diax12 14 28.28 3rd Floor Columns 22 5 2023 6Diax12 13.6 28.28 3rd Floor Columns 22 5 2023 6Diax12 14.6 28.28	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp.Tons)	Mark* Casting Date* Size Weight (Kg/gms) Weight (Kg/gms) X-Section (Sq. in) (Imp.Tons) Load (psi) 3rd Floor Columns 22 5 2023 6Diax12 14 28.28 71 5624 3rd Floor Columns 22 5 2023 6Diax12 13.6 28.28 68 5386 3rd Floor Columns 22 5 2023 6Diax12 14.6 28.28 93 7366 <td< td=""><td>Mark* Casting Date* Size DD MM YYYY Weight (in) Weight (Kg/gms) X-Section (Sq. in) load (Imp.Tons) Absorption (%) 3rd Floor Columns 22 5 2023 6Diax12 14 28.28 71 5624 3rd Floor Columns 22 5 2023 6Diax12 13.6 28.28 68 5386 3rd Floor Columns 22 5 2023 6Diax12 14.6 28.28 93 7366 </td></td<>	Mark* Casting Date* Size DD MM YYYY Weight (in) Weight (Kg/gms) X-Section (Sq. in) load (Imp.Tons) Absorption (%) 3rd Floor Columns 22 5 2023 6Diax12 14 28.28 71 5624 3rd Floor Columns 22 5 2023 6Diax12 13.6 28.28 68 5386 3rd Floor Columns 22 5 2023 6Diax12 14.6 28.28 93 7366

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.

> 5967 Dr. Aqsa

To: Engr. Hamza, Site Engineer

Architects in Design, 2nd Floor, 46-C1, Gulberg-III Lahore

Project: Commercial Building at Plot No. 6C and 7Q, Block Q, Gulberg-II, Lahore.

Our Ref. No. CL/CED/ 3074 Dated: 03-10-23 <u>Test Specification</u>

Your Ref. No. Nil Dated: 25-09-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 26-09-23 Tested on: 03-10-23 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	· · · (/0)	
1		17	9	2023	6Diax12		13.2	28.28	38	3010		Non Engraved
2		17	9	2023	6Diax12		13	28.28	51	4040		Non Engraved
3		17	9	2023	6Diax12		13	28.28	36	2851		Non Engraved
4												
5						THE	RING					
6						READ IN	207					
7					3	OF THY RORD WHO OREATES	ر تیب ان کی خلق ر	- 53				
8								ASN.				
9						-						
10						-LA	IORE.					
11												
12												
13												
14												
15											-	
16												
ļ	ed 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.

> 5967 Dr. Aqsa

To: Engr. Hamza, Site Engineer

Architects in Design, 2nd Floor, 46-C1, Gulberg-III Lahore

Project: Commercial Building at Plot No. 6C and 7Q, Block Q, Gulberg-II, Lahore

Our Ref. No. CL/CED/ 3075 Dated: 03-10-23 <u>Test Specification</u>

Your Ref. No. Nil Dated: 25-09-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 26-09-23 Tested on: 03-10-23 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
			IVIIVI	YYYY	(in)	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)		- (,	
1		29	8	2023	6Diax12		13.8	28.28	36	2851		Non Engraved
2		29	8	2023	6Diax12		12.4	28.28	48	3802		Non Engraved
3		29	8	2023	6Diax12		13.2	28.28	40	3168	1	Non Engraved
4												
5						BINE	RING					
6						READ IN	207					
7					- X	OF THY	ان کی خلق ر ان کی خلق ر	E -				
8								3				
9												
10						-LA	IORE.					
11												
12												
13												
14												
15							-				-	
16												
Witness	ed by: Nil		1	<u> </u>		l		1	<u> </u>	I		

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.

> 5993 Dr. Aqsa

To: AM/SDO, Dera Ghazi Khan

Punjab Aab-e-Pak Authority, Gulberg-II, Lahore.

Project: Provision of Safe Drinking Water in Murghai Cluster 07 District Rajanpur.

Our Ref. No. CL/CED/ 3076-1 of 2 Dated: 03-10-23 <u>Test Specification</u>

Your Ref. No. DM (P&C)/PAPA-DG Khan/446 Dated: 26-09-23

COMPRESSION TEST REPORT

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

Specimens received on: 02-10-23 Tested on: 03-10-23 in dry/wet condition



(BS 1881-116)



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	Foundation & Columns (1:1.5:3)	20	8	2023	6x6x6		7.4	36	67	4169		Engraved
2	Foundation & Columns (1:1.5:3)	20	8	2023	6x6x6		7.6	36	65	4044		Engraved
3												
4											1	
5						HINE	RING				-	
6						READ IN	207					
7					3	OF THY HORD WHO CREATES	ر تیب ان کی خلق ر	E				
8								No.			1	
9											I	
10						LA	IORE.				1	
11											-	
12												
13												
14											-	
15							1				I	
16							1				I	

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.

> 5907 Dr. Aqsa

To: Mr. Muhammad Asif Bajwa

Resident Engineer, NESPAK (Pvt.) Ltd.

Project: Rehabilitation of Nankana to Shah Kot Road Length = 25.28Km in District Nankana Sahib. (M/s

Sarwar & Co Pvt. Ltd.)

Our Ref. No. CL/CED/ 3077 Dated: 03-10-23 **Test Specification**

Your Ref. No. 3811/103/ADPNS/AB/77 Dated: 13-09-23

COMPRESSION TEST REPORT

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

Specimens received on: 14-09-23 Tested on: 03-10-23 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	Kerb Stone				6 x 6 x 6		8	36	86	5351		Cut Cube
2	Kerb Stone				6 x 6 x 6		7.8	36	91	5662		Cut Cube
3	Kerb Stone				6 x 6 x 6		7.8	36	79	4916		Cut Cube
4						/						
5						THE	RING					
6)	READ IN	200					
7					3	OF THY RORD WHO OREATES	ر تیب ان کی خلق ر	- 13				
8								AS I				
9						-						
10						(A	IORE.					
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.