

Civil Engineering Department

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

8683 Dr. M. Yousaf

To: Mr. ALI ANSAR

Project Coordinator, SINACO ENGINEERS (PVT) LIMITED, Lahore

Project: Construction of New Concentrate Plant TCCEC SMP III, Raiwind Road, Lahore.

Our Ref. No. CL/C	ED/ 7086	Dated:	1/17/2025	Test Specification
Your Ref. No.	00042-2025	Dated:	1/16/2025	(ASTM C39)

7

COMPRESSION TEST REPORT



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

Specim	ens received on:	1/	16/2	025	Tested on:	1/17	/2025	in dry/we	t condition			i Cristiana (Cristiana)
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight (Ka/ ams)	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
_	Electric Room Roof			0005	(11)	(rtg/ gills)		(0q. m)	(1111)	(p3)		New Francisco d
1	Slab (4ksi)	0	1	2025	6Diax12		14	20.20	21	1003		Non Engraved
2	Slab (4ksi)	8	1	2025	6Diax12		13.6	28.28	21	1663		Non Engraved
3												
4												
5						NHINE	RING					
6					/ 4	READ IN	2071	X				
7					- È	OF THY CREATES	زیجب الذکی خلق ر	13				
8								5-				
9					>	200-		2				
10					<		IORE.					
11												
12												
13												
14												
15												
16												
14/24-0-0-0	and leave											

Witnessed by:

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

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

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

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

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

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

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

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



Plain and Reinforced Concrete Laboratory **Civil Engineering Department**

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

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

8594 Dr. M. Yousaf

(----)

To: Mr. Muhammad Zain UI Abadeen

Resident Engineer, Environmental & Public Health Engineering Division, NESPAK (Pvt) Ltd. Project: TENDER NO. XEN (O&M-I) NT/2024-25/93-PROVISION OF WATER SUPPLY AND SEWERAGE SYSTEM IN GAJJUMATTA TO KHALID TOWN DISPOSAL STATION, UC-244, NISHTER ZONE, LAHORE. Our Ref. No. CL/CED/ 7087 1/17/2025 Dated: **Test Specification** Your Ref. No. 43101/11/MZA/01/1069 Dated: 1/3/2025

COMPRESSION TEST REPORT



Specimo	ens received on:	1	/7/20	25	Tested on:	1/17	/2025	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
1	IB				(III) 9 x 4 4 x 2 9	(Kg/ gllis) 3630	(Kg/ gills) 3255	39.6	(IIIIp. 10115) 42	(psi) 2376	11 52	
2	IB				8.9 x 4.3 x 3	3690	3290	38.27	38	2224	12.16	
3	IB				8.9 x 4.3 x 3	3705	3355	38.27	43	2517	10.43	
4	R				8.8 x 4.2 x 3	3600	3225	36.96	40	2424	11.63	
5	R				8.8 x 4.2 x 3	3590	3335	36.96	42	2545	7.65	
6	R				8.8 x 4.3 x 3	3710	3405	37.84	43	2545	8.96	
7						OF THY CORD WHO OREATES	ر چب اندگی خلق ر	- FCF				
8					28.4 			i Nn)				
9					-	25-		~				
10					- <	(A	IORL.					
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 comprensive strength

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

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

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



Civil Engineering Department

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

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

8658 Dr. M. Yousaf

To: **Managing Partner**

for SHAHEEN ASSOCIATES, New Garden Town, Lahore

Project: Escorts Advanced Textiles (Pvt) Ltd Muridkey; Extension of Spinning Unit (Ground Floor)

Our Ref. No. CL/C	ED/ 7088	Dated:	17/1/2025	Test Specification
Your Ref. No.	SBA-1/7038	Dated:	13/1/2025	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	14	4/1/2	025	Tested on:	17/1	/2025	in dry/wet	condition		E	i Cranthai
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Slab, Grid D-F, (1:2:4)	6	1	2025	6Diax12		14	28.28	26	2059		Engraved
2	Slab, Grid D-F, (1:2:4)	6	1	2025	6Diax12		14.6	28.28	30	2376		Engraved
3												
4												
5					<	wHINE	RINT					
6					-)	KEAU IN	207	<u> </u>				
7						OF THY CREATES	رتجب الدقى خلق ر					
8								5-				
9					>	200-		~				
10					<		IORL.					
11												
12												
13												
14												
15												
16												
Witness	ed by:											

witnessea by:

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

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

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

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

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

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

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

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



Civil Engineering Department

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

8653 Dr. M. Yousaf

To: Project Manager

ETIMAAD, Property Network, Lahore

Project: RISE MALL & Residencia (Water Tank & Raft Lift)

Our Ref. No. CL/CED	/ 7089	Dated:	17/1/2025	Test Specification
Your Ref. No. N	il	Dated:	14/1/2025	(ASTM C39)

COMPRESSION TEST REPORT

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



Witnessed by:

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

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

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

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

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

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

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



Plain and Reinforced Concrete Laboratory Civil Engineering Department

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

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

8589 Dr. M. Yousaf

Mr. Muhammad Saleem Operations Manager, The Skyline Mall & Residences, DHA Phase-6, Lahore.

Project: The Skyline Mall & Residencies, Raiwind Road, Lahore (4th Floor Column)

Our Ref. No. CL/CED/	7090	Dated:	17/1/2025	Test Specification
Your Ref. No. Nil		Dated:	Nil	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	7	/1/20)25	Tested on:	17/1	/2025	in dry/wet	t condition		0	0620240
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	4000 Psi	18	12	2024	6Diax12		13.6	28.28	60	4752		Non Engraved
2	4000 Psi	18	12	2024	6Diax12		13.6	28.28	60	4752		Non Engraved
3	4000 Psi	18	12	2024	6Diax12		14	28.28	78	6178		Non Engraved
4												
5						WHINE	RING A					
6)	READ N	207					
7						OF THY HORD WHO OREATES	ریک اندگی خلق ر					
8								5-				
9					- 7	20-		?				
10					<	(A	IORE.					
11												
12												
13												
14												
15												
16												
Witnoog	ad 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 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.



Plain and Reinforced Concrete Laboratory Civil Engineering Department

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

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

8589 Dr. M. Yousaf

Mr. Muhammad Saleem
Operations Manager, The Skyline Mall & Residences, DHA Phase-6, Lahore

Project: The Skyline Mall & Residencies, Raiwind Road, Lahore (3rd Floor Slab)

Our Ref. No. CL/CED/ 7091	Dated:	17/1/2025	Test Specification
Your Ref. No. Nil	Dated:	Nil	(ASTM C39)

COMPRESSION TEST REPORT



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

Specimo	ens received on:	7	/1/20)25	Tested on:	17/1	/2025	in dry/we	t condition		0	0620849
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	3000 Psi	4	12	2024	6Diax12		14	28.28	70	5545		Non Engraved
2	3000 Psi	4	12	2024	6Diax12		14	28.28	65	5149		Non Engraved
3	3000 Psi	4	12	2024	6Diax12		13.6	28.28	43	3406		Non Engraved
4												
5						NHINE	RING					
6					>	READ IN	2071	_				
7						OF THY CORD WHO CREATES	ز ب ک اند کی خلق ر	103				
8					- 88			NN.				
9					>	200-		2				
10					<		IORE.					
11												
12												
13												
14												
15												
16												
Witnooo	ad 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 compressive strength

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

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



Civil Engineering Department

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

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

8635 Dr. M. Yousaf

Test Specification

(BS 3921**)

To: **Assistant Resident Engineer** 16 City of Project Package #1 (Jhelum); MM Pakistan (Pvt) Ltd.

Project: Construction of SWM Parking Area in Jhelum City

Our Ref. No. CL/CED/ 7092

Your Ref. No. ARE/JHE-PS/MC-02

COMPRESSION TEST REPORT



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

Specim	ens received on:	1/	10/2	025	Tested on:	17/1	/2025	in dry/we	t condition			i Centerio
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Р				8.7 x 4.3 x 2.8		2720	37.41	42	2515		
2	Р				8.8 x 4.2 x 2.8		2690	36.96	41	2485		
3	Р				8.8 x 4.1 x 2.8		2720	36.08	44	2732		
4	Р				8.7 x 4.3 x 2.8		2750	37.41	38	2275		
5	Р				8.7 x 4.2 x 2.8	NHINE	2745	36.54	38	2330		
6					- 2	READ IN	2071	_				
7						OF THY GRO WHO OREATES	ریجب اندکی خلق ر	I FCH				
8					583			i Na		-		
9										-		
10							IDR <u>F.</u>			-		
11												
12												
13												
14												
15												
16												
Witnoog	od by											

Dated:

Dated:

7

17/1/2025

28/10/2024

witnessed by:

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

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

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

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

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

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

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



Plain and Reinforced Concrete Laboratory **Civil Engineering Department**

University of Engineering and Technology, Lahore. Pakistan

Landline: 042-99029245 & 042-99029202

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

8494 Dr. M. Yousaf

To: Mr. Arshad Hussain

Resident Engineer, Asian Consulting Engineers Pvt. Ltd. & RHC

Project: Detailed Design of Infrastructure Sub-Projects, Sectoral Planning & Resident Supervision in 16 Cities of Punjab- Package No. 4; Solarization of Tubewell and Disposal Stations in Vehari City Our Ref. No. CL/CED/ 7093 Dated: 17/1/2025 **Test Specification** Dated: 28/10/2024 (----)

17/1/2025

Mobile: 0307-0496895

in dry/wet condition

Your Ref. No. AsCE-RHC-JV/PMDFC/PKG-04/RE/82

COMPRESSION TEST REPORT

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

Specimens received on: 24/12/2024 Tested on:



•							,	
		Castin	na Data*	Sizo	Wet	Dry	Area of	Ultimate
Sr. No.	Mark*	Castil	Ig Date	5120	Weight	Weight	X-Section	load
		DD N	ім үүүү	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)

Sr. No.	Mark*					Weight	Weight	X-Section	load	Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Machine Made (Tripple Line)				8.4 x 3.8 x 2.4	2620	2310	31.92	34	2386	13.42	
2	Machine Made (Tripple Line)				8.3 x 3.9 x 2.3	2605	2295	32.37	40	2768	13.51	
3	Machine Made (Tripple Line)				8.4 x 3.8 x 2.3	2715	2270	31.92	40	2807	19.6	
4	Machine Made (Tripple Line)				8.4 x 3.9 x 2.3	2735	2285	32.76	30	2051	19.69	
5					🧹	NHINE	RIA S					
6)	KEAD N						
7						OF THY CORD WHO OREATES	زیک انڈی خلق ر					
8					S.R.							
9						2	1	~				
10						LA	IDRL.					
11												
12												
13												
14												
15												
16												
Witnoog	ad by											

witnessea by:

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

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

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

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

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



Plain and Reinforced Concrete Laboratory Civil Engineering Department

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

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

8494 Dr. M. Yousaf

(----)

To: Mr. Arshad Hussain

Resident Engineer, Asian Consulting Engineers Pvt. Ltd. & RHC

Project: Detailed Design of Infrastructure Sub-Projects, Sectoral Planning & Resident Supervision in 16 Cities of Punjab- Package No. 4; Solarization of Water Works and Disposal Stations in Bahawalnagar City Our Ref. No. CL/CED/ 7094 Dated: 17/1/2025 **Test Specification** Dated: 24/8/2024

Your Ref. No. AsCE-RHC-JV/PMDFC/PKG-04/RE/69

COMPRESSION TEST REPORT

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



Witnessed by:

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

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

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

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

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

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

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

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



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

8478 Engr. A. Rehman

Test Specification

(----)

To: Sub Divisional Officer

Buildings Sub Division, NANKANA SAHIB

Project: Revamping of Basic Health Units District Nankana Sahib Phase-I Under Program for Revamping of 552 BHU'S of North and Central Punjab on at "BHU CHAK No. 06" Our Ref. No. CL/CED/ 7095 Dated: 17/1/2025 Dated: 10/9/2024

Mobile: 0307-0496895

Your Ref. No. 1167/SDO/BSD/NNS

COMPRESSION TEST REPORT



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

Specim	ens received on:	20)/12/2	2024	Tested on:	17/1	/2025	in dry/we	t condition			0000000
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	NBC				8.7 x 4.2 x 2.9	3345	3090	36.54	37	2268	8.25	
2	NBC				8.8 x 4.2 x 2.8	3435	3090	36.96	40	2424	11.17	
3	NBC				8.7 x 4.2 x 2.9	3305	3050	36.54	30	1839	8.36	
4												
5						NHNE	RING .					
6)	READ IN	2071					
7						OF THY	زیجک الذکی خلق ر	£2				
8								5				
9								≥∕				
10							IORE.					
11												
12												
13												
14												
15												
16												
	and here											

Witnessed by:

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

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

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

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

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)



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

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

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

8478 Engr. A. Rehman

Sub Divisional C	Officer										
Buildings Sub Division, NANKANA SAHIB											
Project: Revamp 552 BHU'S of No	ing of Basic Health Units District Nankana rth and Central Punjab on at "BHU BURAL	Sahib Phase-I Under Pi A''	rogram for Revamping	of							
Our Ref. No. CL/	CED/ 7096	Dated:	17/1/2025								
Your Ref. No.	1154 B/SDO/BSD/NNS	Dated:	10/9/2024								

COMPRESSION TEST REPORT



Test Specification (----)

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

Specim	ens received on:	20)/12/2	2024	Tested on:	17/1	/2025	in dry/we	t condition			je sledi
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	NBC				8.8 x 4.1 x 2.8	3320	3015	36.08	35	2173	10.12	
2	NBC				8.8 x 4.2 x 2.9	3500	3210	36.96	39	2364	9.03	
3	NBC				8.7 x 4.2 x 2.9	3585	3175	36.54	33	2023	12.91	
4	Machine Made Double Line				8.8 x 4.2 x 2.8	3230	2695	36.96	38	2303	19.85	
5	Machine Made Double Line				8.8 x 4.1 x 2.8	3225	2675	36.08	42	2608	20.56	
6	Machine Made Double Line				8.7 x 4.2 x 2.8	3220	2680	36.54	28	1716	20.15	
7						OF THY 	ز <u>ع</u> ک اندکی خلق ر	£2				
8								5				
9							-	≥ <				
10							DRE					
11												
12												
13												
14												
15												
16												
Witness	ad 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 compressive strength

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

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



Civil Engineering Department

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

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

8478 Engr. A. Rehman

To: Sub Divisional Officer

Buildings Sub Division, NANKANA SAHIB

Project: Revamping of Basic Health Units District Nankana Sahib Phase-I Under Program for Revamping of 552 BHU'S of North and Central Punjab on at "BHU KOT HUSSAIN" Our Ref. No. CL/CED/ 7097 Dated: 17/1/2025 Dated: 10/9/2024

Your Ref. No. 1164/SDO/BSD/NNS

COMPRESSION TEST REPORT



Test Specification

(----)

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

Specimo	ens received on:	20)/12/2	2024	Tested on:	17/1	/2025	in dry/we	t condition			0680896
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Machine Made Double Line				8.8 x 4.2 x 2.8	3200	2635	36.96	19	1152	21.44	
2	Machine Made Double Line				8.7 x 4.2 x 2.8	3205	2630	36.54	37	2268	21.86	
3	Machine Made Double Line				8.5 x 4.2 x 2.8	3035	2520	35.7	36	2259	20.44	
4												
5					- (THINE	RIA .					
6						READ N	2071	<u> </u>				
7						OF THY -CORD WHO OREATES	زیجک الکی خلق ر	2				
8					88.			5				
9					- 1	25		₹				
10						(A	IORE.					
11												
12												
13												
14												
15												
16												
Witness	od by:											

witnessea by:

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

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

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

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

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

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

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

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



Civil Engineering Department

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

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

8478 Engr. A. Rehman

To: Sub Divisional Officer

Buildings Sub Division, NANKANA SAHIB

Project: Revamping of Basic Health Units District Nankana Sahib Phase-I Under Program for Revamping of 552 BHU'S of North and Central Punjab on at "BHU KOT FAZAL" Our Ref. No. CL/CED/ 7098 Dated: 17/1/2025 Dated: 10/9/2024

Your Ref. No. 1155/SDO/BSD/NNS

COMPRESSION TEST REPORT



Test Specification

(----)

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

Specim	ens received on:	20)/12/2	2024	Tested on:	17/1	/2025	in dry/we	t condition			06666666
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	641				8.7 x 4.2 x 2.8	3435	3040	36.54	37	2268	12.99	
2	641				8.7 x 4.2 x 2.9	3335	3075	36.54	35	2146	8.46	
3	641				8.7 x 4.2 x 2.8	3290	2885	36.54	30	1839	14.04	
4												
5						NHNE	RING					
6					>	READ IN	2071					
7						OF THY BORD WHO CREATES	ریجب اندکی خلق ر					
8					S.R. 1							
9						2		≥ <				
10							IORE.					
11												
12												
13												
14												
15												
16												
Witness	ad by:											

witnessea by:

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

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

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

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

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

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

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

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



Civil Engineering Department

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

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

8595 Engr. A. Rehman

To: **Resident Engineer**

Environmental & Public Health Engineering Division, NESPAK (Pvt) Ltd

Project: Improvement of Water Supply / Sewerage System UC-119, Shalimar Zone Lahore

Our Ref. No. CL/0	CED/ 7099	Dated:	17/1/2025	Test Specification
Your Ref. No.	NESPAK/LDP/LHR/ST/23	Dated:	29/12/2024	(BS 3921**)

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	/7/20)25	Tested on:	17/1	/2025	in dry/we	t condition			
Sr. No.	Mark*	Cas	ting MM	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sq. in)	Ultimate load (Imp Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	s				8.8 x 4.2 x 2.9	3655	3310	36.96	42	2545	10.42	
2	S				8.9 x 4.3 x 3	3695	3380	38.27	38	2224	9.32	
3	s				8.7 x 4.2 x 2.8	3515	3165	36.54	34	2084	11.06	
4	S				8.7 x 4.2 x 2.9	3610	3150	36.54	38	2330	14.6	
5	S				8.8 x 4.1 x 2.9	3315	2910	36.08	40	2483	13.92	
6	s				8.8 x 4.2 x 2.8	3475	3140	36.96	42	2545	10.67	
7	S				8.8 x 4. <mark>3 x 2.8</mark>	3455 WHO DREATES	3145	37.84	45	2664	9.86	
8	S				8.8 x 4. <mark>2 x 2.9</mark>	3585	3215	36.96	43	2606	11.51	
9								~				
10							IORE.					
11												
12												
13												
14												
15												
16												
Witness	ad by											

witnessed by:

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

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

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

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

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

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

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

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

Director/Dy. Director Concrete Laboratory



Civil Engineering Department

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

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

8595 Engr. A. Rehman

To: **Resident Engineer**

Environmental & Public Health Engineering Division, NESPAK (Pvt) Ltd

Project: Improvement of Water Supply / Sewerage System UC-122, Shalimar Zone Lahore

Our Ref. No. CL/C	ED/ 7100	Dated:	17/1/2025	Test Specification
Your Ref. No.	NESPAK/LDP/LHR/ST/18	Dated:	29/12/2024	(BS 3921**)

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	/7/20)25	Tested on:	17/1	/2025	in dry/we	t condition			jeste g
Sr. No.	Mark*	Cas	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	S				8.7 x 4.3 x 2.8	3440	3125	37.41	42	2515	10.08	
2	s				8.8 x 4.3 x 2.9	3790	3355	37.84	43	2545	12.97	
3	s				8.8 x 4.3 x 3	3595	3250	37.84	40	2368	10.62	
4	S				8.8 x 4.2 x 2.9	3670	3215	36.96	40	2424	14.15	
5	S				8.9 x 4.2 x 3	3640	3225	37.38	42	2517	12.87	
6	S				8.7 x 4.2 x 2.9	3640	3165	36.54	42	2575	15.01	
7	S				8.8 x 4. <mark>2 x 2.9</mark>	3655 WHO	3235	36.96	29	1758	12.98	
8	S				8.6 x 4.1 x 2.8	3460	2980	35.26	28	1779	16.11	
9					- /	20-		?				
10					<	(A	IORE.					
11												
12												
13												
14												
15												
16												
Witnoog	ad by											

witnessed by:

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

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

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

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

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

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

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

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

Director/Dy. Director Concrete Laboratory



Civil Engineering Department

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

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

8595 Engr. A. Rehman

To: **Resident Engineer**

Environmental & Public Health Engineering Division, NESPAK (Pvt) Ltd

Project: Improvement of Water Supply / Sewerage System UC-156, Shalimar Zone Lahore.

Our Ref. No. CL/C	ED/ 7101	Dated:	17/1/2025	Test Specification
Your Ref. No.	NESPAK/LDP/LHR/ST/16	Dated:	29/12/2024	(BS 3921**)

-

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	/7/20)25	Tested on:	17/1	/2025	in dry/we	t condition			i Centerio
Sr. No.	Mark*	Casting Date*		Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	s				8.8 x 4.3 x 3	3710	3190	37.84	28	1658	16.3	
2	s				8.7 x 4.2 x 2.9	3595	3125	36.54	34	2084	15.04	
3	s				8.7 x 4.2 x 2.9	3510	3280	36.54	37	2268	7.01	
4	s				8.8 x 4.3 x 3	3705	3130	37.84	37	2190	18.37	
5	s				8.8 x 4.3 x 3	3545	3135	37.84	27	1598	13.08	
6	s				8.7 x 4.2 x 2.8	3530	3195	36.54	37	2268	10.49	
7	s				8.7 x 4.2 x 2.8	3595 WHO CREATES	3300	36.54	38	2330	8.94	
8	s				8.8 x 4.3 x 3	3720	2930	37.84	37	2190	26.96	
9					>	10-		N				
10					<		IOR <u>E</u>					
11												
12										-		
13										-		
14												
15												
16												
Witness	ad by											

witnessed by:

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

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

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

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

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

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

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

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



Civil Engineering Department

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

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

8595 Engr. A. Rehman

To: **Resident Engineer**

Environmental & Public Health Engineering Division, NESPAK (Pvt) Ltd

Project: Improvement of Water Supply / Sewerage System UC-121, Shalimar Zone Lahore

Our Ref. No. CL/C	ED/ 7102	Dated:	17/1/2025	Test Specification
Your Ref. No.	NESPAK/LDP/LHR/ST/26	Dated:	29/12/2024	(BS 3921**)

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	/7/20	25	Tested on:	17/1	/2025	in dry/wet condition				
Sr. No.	Mark*	Cas	ting	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sg. in)	Ultimate load (Imp Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	S				8.5 x 4.1 x 2.8	3370	2930	34.85	35	2250	15.02	
2	S				8.8 x 4.1 x 2.9	3565	3170	36.08	29	1800	12.46	
3	s				8.8 x 4.3 x 2.9	3590	3155	37.84	38	2249	13.79	
4	s				8.8 x 4.2 x 2.9	3505	3105	36.96	38	2303	12.88	
5	s				8.8 x 4.3 x 2.9	3650	3200	37.84	39	2309	14.06	
6	s				8.8 x 4.2 x 2.9	3710	3265	36.96	38	2303	13.63	
7	s				8.7 x 4.1 x 2.9	3670 WHO DREATES	3255	35.67	36	2261	12.75	
8	S				8.6 x 4. <mark>1 x 2.9</mark>	3560	3165	35.26	39	2478	12.48	
9						20		≥ <				
10							DRE					
11												
12												
13												
14												
15												
16												
Witness												

witnessed by:

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

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

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

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

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

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

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

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

Director/Dy. Director Concrete Laboratory



Civil Engineering Department

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

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

8595 Engr. A. Rehman

To: **Resident Engineer**

Environmental & Public Health Engineering Division, NESPAK (Pvt) Ltd

Project: Improvement of Water Supply / Sewerage System UC-118, Shalimar Zone Lahore

Our Ref. No. CL/C	ED/ 7103	Dated:	17/1/2025	Test Specification
Your Ref. No.	NESPAK/LDP/LHR/ST/25	Dated:	29/12/2024	(BS 3921**)

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	/7/20	25	Tested on:	17/1	/2025	in dry/wet condition				
Sr. No.	Mark*	Cas	ting MM	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sg. in)	Ultimate load (Imp Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	s				8.8 x 4.2 x 2.9	3600	3185	36.96	34	2061	13.03	
2	s				8.8 x 4.2 x 2.8	3555	3150	36.96	38	2303	12.86	
3	s				8.7 x 4.3 x 2.9	3640	3235	37.41	39	2335	12.52	
4	s				8.8 x 4.3 x 2.9	3635	3210	37.84	35	2072	13.24	
5	S				8.9 x 4.2 x 2.8	3495	3100	37.38	34	2037	12.74	
6	S				8.8 x 4.2 x 2.9	3545	3125	36.96	38	2303	13.44	
7	s				8.8 x 4. <mark>1 x 2.9</mark>	3620 WHO	3180	36.08	35	2173	13.84	
8	S				8.8 x 4. <mark>2 x 2.9</mark>	3465	3040	36.96	37	2242	13.98	
9						200	-	~				
10					<	/ A	IOR L					
11												
12												
13												
14												
15												
16												
Witnoog	ad by											

witnessea by:

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

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

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

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

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



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

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

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

8595 Engr. A. Rehman

Mr. Rajab Ali											
Resident Engineer, RAVI ZONE-II, Lahore, NESPAK (Pvt) Ltd											
Project: LAHORE DEVELOPMENT PROGRAM-WASA (PHASE-I) RAVI ZONE-II; Improvement of Water Supply / Sewerage System UC-43, Ravi Zone Lahore											
Our Ref. No. CL/C	ED/ 7104	Dated:	17/1/2025	Test Specification							
Your Ref. No.	NESPAK/WASA/RAVI-II/RE/02	Dated:	1/2/2025	(BS 3921**)							

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	/7/20	25	Tested on:	17/1	/2025	in dry/wet condition				
Sr. No.	Mark*	Cas	ting MM	Date* YYYY	Size (in)	Wet Weight (Kq/ qms)	Dry Weight (Kq/ qms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	S				8.8 x 4.2 x 2.9	3715	3270	36.96	38	2303	13.61	
2	S				8.8 x 4.2 x 2.9	3590	3170	36.96	38	2303	13.25	
3	s				8.8 x 4.3 x 2.9	3625	3215	37.84	31	1835	12.75	
4	s				8.8 x 4.2 x 3	3465	3055	36.96	36	2182	13.42	
5	s				8.8 x 4.3 x 2.9	3635	3145	37.84	32	1894	15.58	
6	s				8.9 x 4.2 x 3	3660	3185	37.38	37	2217	14.91	
7					-	OF THY HORD WHO CREATES	زیجک الکی خلق ر	1				
8								5				
9						20		~				
10							IORE.					
11												
12												
13												
14										-		
15												
16												
Witness	Witnessed by											

witnessed by:

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

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

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

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

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



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

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

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

8595 Engr. A. Rehman

Mr. Rajab Ali											
Resident Engineer, RAVI ZONE-II, Lahore, NESPAK (Pvt) Ltd											
Project: LAHORE DEVELOPM Sewerage System UC-44, Rav	IENT PROGRAM-WASA (PHASE- ri Zone Lahore	I) RAVI ZONE-II; Impro	ovement of Water S	supply /							
Our Ref. No. CL/CED/ 7105		Dated:	17/1/2025	Test Specification							
Your Ref. No. NESPAK/	VASA/RAVI-II/RE/03	Dated:	1/2/2025	(BS 3921**)							

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	/7/20	25	Tested on:	17/1	/2025	in dry/wet condition				
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kq/ qms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	S				8.7 x 4.2 x 2.9	3555	3160	36.54	34	2084	12.5	
2	s				8.8 x 4.2 x 2.9	3585	3160	36.96	38	2303	13.45	
3	s				8.7 x 4.2 x 2.9	3570	3145	36.54	36	2207	13.51	
4	s				8.9 x 4.3 x 3	3680	3260	38.27	28	1639	12.88	
5	S				8.7 x 4.2 x 3	3525	3135	36.54	35	2146	12.44	
6	S				8.7 x 4 x 2.8	3665	3220	34.8	36	2317	13.82	
7						OF THY CORD WHO OREATES	زیک اندگی خلق ر	12				
8					SW-			S-				
9						25		₹				
10						(A	IDRL.					
11												
12												
13												
14												
15												
16												
Witness	Witnessed by											

witnessea by:

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

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

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

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

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

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

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



Civil Engineering Department

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

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

8595 Engr. A. Rehman

To: **Resident Engineer**

Environmental & Public Health Engineering Division, NESPAK (Pvt) Ltd

Project: Improvement of Water Supply / Sewerage System UC-161, Shalimar Zone Lahore

Our Ref. No. CL/	CED/ 7106	Dated:	17/1/2025	Test Specification
Your Ref. No.	NESPAK/LDP/LHR/ST/010	Dated:	28/12/2024	(BS 3921**)

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	/7/20	025	Tested on:	17/1	/2025	in dry/wet	t condition			o e constato
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	S				8.2 x 4 x 2.6	3325	2920	32.8	36	2459	13.87	
2	s				8.7 x 4.2 x 2.9	3690	3220	36.54	38	2330	14.6	
3	s				8.8 x 4.1 x 2.8	3710	3225	36.08	36	2235	15.04	
4	s				8.8 x 4.3 x 2.9	3615	3125	37.84	29	1717	15.68	
5	s				8.7 x 4.2 x 2.9	3595	3160	36.54	28	1716	13.77	
6	s				8.8 x 4.2 x 3	3690	3280	36.96	33	2000	12.5	
7						OF THY BORD WHO CREATES	ر ب ک اند کی خلق ر	I FCH				
8								NN.				
9					>			~				
10							TORL					
11												
12												
13												
14												
15												
16												
Witness	od 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 compressive strength

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

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



Civil Engineering Department

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

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

8595 Engr. A. Rehman

To: **Resident Engineer**

Environmental & Public Health Engineering Division, NESPAK (Pvt) Ltd

Project: Improvement of Water Supply / Sewerage System UC-162, Shalimar Zone Lahore

Our Ref. No. CL/0	CED/ 7107	Dated:	17/1/2025	Test Specification
Your Ref. No.	NESPAK/LDP/LHR/ST/13	Dated:	12/29/2024	(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on:		1/7/2025		25	Tested on:	17/1/2025		in dry/wet condition				
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	S				8.8 x 4.2 x 2.9	3575	3165	36.96	32	1939	12.95	
2	s				8.7 x 4.1 x 2.9	3435	3000	35.67	37	2324	14.5	
3	s				8.6 x 4.1 x 2.8	3430	2995	35.26	37	2351	14.52	
4	s				8.8 x 4.2 x 2.8	3670	3205	36.96	38	2303	14.51	
5	s				8.7 x 4.1 x 2.9	3720	3270	35.67	41	2575	13.76	
6	s				8.7 x 4.2 x 2.7	3560	3195	36.54	37	2268	11.42	
7						OF THY 	ز <u>ع</u> ک اندکی خلق ر					
8												
9								~				
10							DRE					
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 comprensive strength

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

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

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

Director/Dy. Director Concrete Laboratory



Civil Engineering Department

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

8579 Dr. M. Yousaf

Test Specification

(BS 3921**)

To: Mr. Riaz Ahmed

Riaz Construction Company, Lahore

Project: TCF High School Karankay Cantt. Area, Lahore.

Our Ref. No. CL/CED/ 7108

Your Ref. No. Nil

COMPRESSION TEST REPORT



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

Specimens received on: 1/6/20		25	Tested on:	17/1	/2025	in dry/we	t condition		Ē	i esteri		
Sr. No.	Mark*	Cas	ting MM	Date* YYYY	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	B-2				8.5 x 4 x 3		3220	34	40	2635		
2	B-2				8.6 x 4 x 3		3310	34.4	35	2279		
3	B-2				8.8 x 4.2 x 3		3135	36.96	38	2303		
4	B-2				8.8 x 4.2 x 3		3230	36.96	37	2242		
5	B-2				8.8 x 4 x 3	NHINE	3240	35.2	40	2545		
6						REAU N	207					
7						OF THY LORD WHO OREATES	زیک اندگی خلق ر					
8					\$¥.			5				
9					-	-						
10					-	-IA	DRE					
11												
12												
13												
14												
15												
16												

Dated:

Dated:

17/1/2025

Nil

Witnessed by:

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

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

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

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

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

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

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