

**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.

9371 Dr. M. Yousaf

To: Mr. Sulman

Material Engineer, BH Consultants.

Project: Construction of 4-Storey Commercial Building (Frame Structure), E1-Block, Valancia Society, Lahore.

Our Ref. No. CL/0	CED/ 8210-1 of 2	Dated:	12/05/2025	Test Specification
Your Ref. No.	Request #45	Dated:	30/04/2025	(ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 02/05/202			2025	Tested on:	05/05/2025		in dry/wet condition				ONLINE REPORT											
Sr. No.	Mark*	Cas	Casting Date*		Casting Date*		Casting Date*		Casting Date*		Casting Date*		Casting 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	3rd Floor Slab (3000 Psi)	25	3	2025	6Diax12		13.6	28.28	50	3960		Non Engraved										
2	3rd Floor Slab (3000 Psi)	25	3	2025	6Diax12		13.6	28.28	51	4040		Non Engraved										
3	3rd Floor Slab (3000 Psi)	25	3	2025	6Diax12		14	28.28	41	3248		Non Engraved										
4	3rd Floor Slab (3000 Psi)	25	3	2025	6Diax12		14.2	28.28	54	4277		Non Engraved										
5	3rd Floor Slab (3000 Psi)	25	3	2025	6Diax12	EINE	14.2	28.28	54	4277		Non Engraved										
6	3rd Floor Slab (3000 Psi)	25	3	2025	6Diax12		14	28.28	50	3960		Non Engraved										
7	Water Tank Slab (4000 Psi)	27	3	2025	6Diax12	THE NAME OF THY LORD WHO	- 14	28.28	81	6416		Non Engraved										
8	Water Tank Slab (4000 Psi)	27	3	2025	6Diax12 🔗		13.8	28.28	64	5069		Non Engraved										
9	Water Tank Slab (4000 Psi)	27	3	2025	6Diax12	-	13.6	28.28	61	4832		Non Engraved										
10	Stair (3000 Psi)	27	3	2025	6Diax12		13.8	28.28	54	4277		Non Engraved										
11	Stair (3000 Psi)	27	3	2025	6Diax12		14	28.28	58	4594		Non Engraved										
12	Stair (3000 Psi)	27	3	2025	6Diax12		14	28.28	54	4277		Non Engraved										
13	Lift Wall (4000 Psi)	19	4	2025	6Diax12		13.4	28.28	64	5069		Non Engraved										
14	Lift Wall (4000 Psi)	19	4	2025	6Diax12		14	28.28	62	4911		Non Engraved										
15	Lift Wall (4000 Psi)	19	4	2025	6Diax12		13.4	28.28	61	4832		Non Engraved										
16																						
Witness	ed by: Nil																					

Vitnessed 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 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.



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9371 Dr. M. Yousaf

To: Mr. Sulman

Material Engineer, BH Consultants.

Project: Construction of 4-Storey Commercial Building (Frame Structure), E1-Block, Valancia Society, Lahore.

Our Ref. No. CL/C	ED/ 8210-2 of 2	Dated:	12/05/2025	Test Specification
Your Ref. No.	Request #45	Dated:	30/04/2025	(ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specim	ens received on:	02	2/05/2	2025	Tested on:	05/05	5/2025	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	Columns (4000 Psi)	21	4	2025	6Diax12		14	28.28	62	4911		Non Engraved
2	Columns (4000 Psi)	21	4	2025	6Diax12		14.2	28.28	61	4832		Non Engraved
3	Columns (4000 Psi)	21	4	2025	6Diax12		14	28.28	58	4594		Non Engraved
4												
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Witnessed by: Nil												

#### Vitnessed by: Nil

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9292 Dr. M. Yousaf

Mr. Safdar Rashid

Resident Engineer, NESPAK (Pvt) Ltd.

To:

Project: KBCMA College of Veterinary and Animal Sciences Narowal Campus. (BS 15-17 Residences)

Our Ref. No. CL/	CED/ 8211	Dated:	12/05/2025	Test Specification
Your Ref. No.	4650/311/SR/107	Dated:	14/04/2025	(ASTM C39)

# **COMPRESSION TEST REPORT**

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

Specimo	ens received on:	17	/04/2	025	Tested on:	05/05	5/2025	in dry/wet condition				ONLINE REPORT
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	Roof Slab (1:1.5:3)	18	3	2025	6Diax12		13.2	28.28	44	3485		Engraved
2	Roof Slab (1:1.5:3)	18	3	2025	6Diax12		13.4	28.28	44	3485		Engraved
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### Witnessed by: Nil

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9359 Dr. M. Yousaf

### To: Mr. Muhammad Ahsan Ali

Resident Engineer, Construction Management Division. NESPAK (Pvt) Ltd.

Project: Infrastructure Development at Chahar Bagh Under Ravi Riverfront Urban Development Project.

Our Ref. No. CL/	CED/ 8212	Dated:	12/05/2025	Test Specification
Your Ref. No.	4559/13/MAA/09/516	Dated:	28/04/2025	( )

## **COMPRESSION TEST REPORT**

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

Specime	ens received on:	29	/04/2	2025	Tested on:	12/0	5/2025	in dry/wet condition			ONLINE REPORT	
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (%)	
1	Cobble Stone				2.4 thick		2885	30.12	99	7363		Khyber
2	Cobble Stone				2.4 thick		2815	30.12	99	7363		Khyber
3	Cobble Stone				2.4 thick		2790	30.12	101	7511		Khyber
4	Cobble Stone				2.4 thick		2820	30.12	97	7214		Khyber
5	Cobble Stone				2.4 thick	GINE	2990	30.12	101	7511		Khyber
6	Cobble Stone				2.4 thick		2845	30.12	91	6768		Yellow
7	Cobble Stone				2.4 thick	THE NAME	- 2790	30.12	97	7214		Yellow
8	Cobble Stone				2.4 thick		2775	30.12	101	7511		Yellow
9	Cobble Stone				2.4 thick	-	2780	30.12	91	6768		Yellow
10	Cobble Stone				2.4 thick	/ A	2680	30.12	91	6768		Yellow
11	Cobble Stone				2.4 thick		1795	20.6	68	7394		Rose
12	Cobble Stone				2.4 thick		1815	20.6	66	7177		Rose
13	Cobble Stone				2.4 thick		1820	20.6	70	7612		Rose
14	Cobble Stone				2.4 thick		1775	20.6	69	7503		Rose
15	Cobble Stone				2.4 thick		1805	20.6	68	7394		Rose
16												

#### Witnessed by: Nil

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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.



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9395 Dr. M. Yousaf

To: Mr. M. Mazhar Magbool

G.M. (Planning & Admin), For Kraftcon (Pvt) Ltd.

Project: Construction of Mill Building (New Back Process) at Kohinoor Textile Mills Limited, Gujjar Khan.

Our Ref. No. CL/CED/ 8213	Dated:	12/05/2025	Test Specification
Your Ref. No. kpl/25/231	Dated:	09/05/2025	( BS 1881-116 )

# **COMPRESSION TEST REPORT**

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

Specim	ens received on:	12	2/05/2	2025	Tested on:	12/0	5/2025	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	For Concrete Type C30, H-4	12	4	2025	6x6x6		8	36	71	4418		Non Engraved
2	For Concrete Type C30, H-4	12	4	2025	6x6x6		8.2	36	67	4169		Non Engraved
3	For Concrete Type C30, H-4	12	4	2025	6x6x6		8	36	60	3733		Non Engraved
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Witnessed by: Nil												

### sea by:

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9395 Dr. M. Yousaf

To: Mr. M. Mazhar Magbool

G.M. (Planning & Admin), For Kraftcon (Pvt) Ltd.

Project: Construction of Mill Building (New Back Process) at Kohinoor Textile Mills Limited, Gujjar Khan.

Our Ref. No. CL/CED/ 8214	Dated:	12/05/2025	Test Specification
Your Ref. No. kpl/25/230	Dated:	09/05/2025	( BS 1881-116 )

# **COMPRESSION TEST REPORT**

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

Specim	ens received on:	12	2/05/2	2025	Tested on:	12/0	5/2025	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	Date*	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	For Concrete Type C30. J-17/16	11	4	2025	6x6x6		8.2	36	70	4356		Non Engraved
2	For Concrete Type C30, J-17/16	11	4	2025	6x6x6		8.2	36	75	4667		Non Engraved
3	For Concrete Type C30, J-17/16	11	4	2025	6x6x6		8.2	36	64	3982		Non Engraved
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Witnessed by: Nil												

### Dy.

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THE REAL PROPERTY OF THE REAL	Plain and Reinforced C	Concrete Laboratory	ORIGINAL A carbon copy for
	<b>Civil Engineering D</b> University of Engineering and Techno Landline: 042-99029245 & 042-99029202	the report has been retained in the lab for record	
To: Mr. Shal	keel Ahmad		9387 Dr. M.Yousaf

Mr. Shakeel Ahmad Project Engineer, Halla, Pattoki. (Mezan Beverages Dairy Unit Pvt. Ltd.)

Project: Silage Bunkers at Pattoki										
Our Ref. No. CL/C	ED/ 8215	Date	d: 12/05/2025	Test Specification						
Your Ref. No.	MD/Con/CIV/00160	Date	d: 28/04/2025	( BS 1881-116 )						

# **COMPRESSION TEST REPORT**

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

Specime	ens received on:	08	8/05/2	2025	Tested on:	12/0	5/2025	in dry/we	t 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	Wall-13	25	3	2025	6x6x6		9	36	87	5413		Engraved
2	Wall-13	25	3	2025	6x6x6		9	36	98	6098		Engraved
3	Wall-14	19	3	2025	6x6x6		8.4	36	69	4293		Engraved
4	Wall-14	19	3	2025	6x6x6		8.2	36	61	3796		Engraved
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Witness	ed by: Nil											

### Witnessed by: Nil

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	Plain and Reinforced Control Civil Engineering De University of Engineering and Technol Landline: 042-99029245 & 042-99029202	oncrete Labor partment ogy, Lahore. Pakistan Mobile: 0307-049688	ratory	ORIGINAL A carbon copy for the report has been retained in the lab for record.
То:	Executive Engineer Buildings Division, Kasur.			9356 Dr. M. Yousaf
	Project: Construction of Additional Class Rooms at Girls (Under C.M District SDGs Programme of ADP 2024-25) Our Ref. No. CL/CED/ 8216	s School Gagga Sarai Teł Dated:	nsil Pattoki, District Kas 12/05/2025	sur <u>Test Specification</u>
	Your Ref. No. No.5332/D	Dated:	21/03/2025	( )

# **COMPRESSION TEST REPORT**

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

Specimo	ens received on:	29	/04/2	025	Tested on:	12/0	5/2025	in dry/we	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	7UP				8.8 x 4.3 x 2.9		3045	37.84	36	2131		
2	7UP				8.8 x 4.3 x 2.9		3055	37.84	41	2427		
3	7UP				8.8 x 4.3 x 2.9		3175	37.84	39	2309		
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### Witnessed by:

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Your Ref. No.	No.1202/G-21	Dated:	19/04/2025

## **COMPRESSION TEST REPORT**

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

Specim	ens received on:	23	8/04/2	025	Tested on:	12/0	5/2025	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	JS				8.7 x 4.3 x 2.8	3245	2850	37.41	34	2036	13.86	
2	JS				8.7 x 4.2 x 2.7	3150	2740	36.54	37	2268	14.96	
3	JS				8.6 x 4.3 x 2.8	3270	2860	36.98	34	2059	14.34	
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#### Witnessed by:

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

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## Director/Dy. Director Concrete Laboratory

( ---- )

A LIBROW		Plain and Reinforced Co Civil Engineering De University of Engineering and Technolo Landline: 042-99029245 & 042-99029202	oncrete Labor partment ogy, Lahore. Pakistan Mobile: 0307-049689	satory	ORIGINAL A carbon copy for the report has been retained in the lab for record.
_					9314 Dr. M. Yousaf
To:	Mr. Muh Assista	aammad Shafiq nt Resident Engineer, Package-III (PCP) Kamalia.			
	Project: Kamalia	Improvement of Sewerage System and Construe City, Package -1 Sewerage System	ction of Waste Water Trea	tment Plant (WWTP)-	
	Our Ref.	. No. CL/CED/ 8218	Dated:	12/05/2025	Test Specification

Dated:

09/04/2025

# **COMPRESSION TEST REPORT**

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

MMP/1095/Kamalia/SEW/118/2025

Specime	ens received on:	22	2/04/2	2025	Tested on:	12/05	5/2025	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 load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Machine Made H				8.5 x 4.1 x 3	3540	2990	34.85	38	2442	18.39	
2	Machine Made H				8.5 x 4.2 x 2.8	3310	2795	35.7	45	2824	18.43	
3	Machine Made H				8.5 x 4.1 x 3	3450	2920	34.85	40	2571	18.15	
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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

Your Ref. No.

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

 $\underline{\textbf{Note:}}$  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

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