

<u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

9376 Dr. M. Yousaf

## To: Engr's. Bilal Ashraf

Site Engineer, OZ DEVELOPERS PVT. LTD.

Project: Constructing a High-Rise Building "Bahria Sky" at Bahria Orchard Phase 4 Lahore.

Our Ref. No. CL/CED/ 8190	Dated:	05/05/2025	Test Specification
Your Ref. No. Nil	Dated:	03/05/2025	(ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specime	ens received on:	05	5/05/2	2025	Tested on:	05/0	5/2025	in dry/we	t condition		Ċ	
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		18	4	2025	6Diax12		13.6	28.28	27	2139		Non Engraved
2		18	4	2025	6Diax12		14	28.28	40	3168		Non Engraved
3		18	4	2025	6Diax12		13.6	28.28	49	3881		Engraved
4		18	4	2025	6Diax12		13.8	28.28	45	3564		Engraved
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Witnessed by: Engr. Bilal Ashraf, OZ Developers CNIC # 35401-1556388-1 & Mr. Azhar Abbas, D-Mix Plant CNIC # 32303-1169185-9

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 C Civil Engineering D University of Engineering and Techno Landline: 042-99029245 & 042-99029202	Concrete Labor epartment ology, Lahore. Pakistan Mobile: 0307-049689	ratory	ORIGINAL A carbon copy for the report has been retained in the lab for record.
					9368 Dr. M.Yousaf
To:	Sub Div Public H	risional Officer Health Engg: Sub Division, Pind Dadan Khan			
	Project: District	: Authority to Maintain & Regulate Naroomi Dha Jhelum.	an Water Supply Scheme Te	ehsil Pind Dadan Khan,	
	Our Rof	No CL/CED/ 8191	Dated	05/05/2025	Tost Specificatio

Our Ref. No. CL/C	ED/ 8191	Dated:	05/05/2025	Test Specification
Your Ref. No.	No.465/ PDK	Dated:	25/11/2024	(BS 1881-116)

# **COMPRESSION TEST REPORT**

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

Specimo	ens received on:	30	0/04/2	2025	Tested on:	05/05	5/2025	in dry/we	t condition			
Sr. No.	Mark*	Cas DD	sting 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	Plain Cem. Conc. Ratio (1:1.5:3)	29	10	2024	6x6x6		9	36	69	4293		Non Engraved
2	Plain Cem. Conc. Ratio (1:1.5:3)	29	10	2024	6x6x6		9	36	98	6098		Non Engraved
3	Plain Cem. Conc. Ratio (1:1.5:3)	29	10	2024	6x6x6		9	36	95	5911		Non Engraved
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Witness	od 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 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

THE REPORT OF TH	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.
		9368 Dr. M.Yousaf
To:	Sub Divisional Officer Public Health Engg: Sub Division, Pind Dadan Khan	
1	Project: Authority to Maintain & Regulate Naroomi Dhan Water Supply Scheme Tehsil Pind Dadan Khan, District Jhelum.	

Our Ref. No. CL/CED/ 8192	Dated:	05/05/2025	Test Specification
Your Ref. No. No.429/ PDK	Dated:	05/11/2024	( BS 1881-116 )

## **COMPRESSION TEST REPORT**

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

Specime	ens received on:	30	)/04/2	2025	Tested on:	05/05	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	Plain Cem. Conc. Ratio (1:2:4)	8	10	2024	6x6x6		8.8	36	89	5538		Non Engraved
2	Plain Cem. Conc. Ratio (1:2:4)	8	10	2024	6x6x6		8.6	36	64	3982		Non Engraved
3	Plain Cem. Conc. Ratio (1:2:4)	8	10	2024	6x6x6		9	36	87	5413		Non Engraved
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Witness	ad by Nil											

#### Witnessed by: Nil

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

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

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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.



Mr. Asnar Younis
Assistant Engineer (P&D), Evacuee Trust Property Board, Government of Pakistan

Project: Construction of Zonal / District Office Cum Residence at Nankana Sahib

Our Ref. No. CL/C	ED/ 8193	Dated:	05/05/2025	Test Specification
Your Ref. No.	No.2804	Dated:	30/04/2025	( BS 1881-116 )

9364

## **COMPRESSION TEST REPORT**

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

Specimens received on:		30/04/2025		025	Tested on:	05/05/2025 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	Footing (1:1.5:3)	26	3	2025	6x6x6		8.6	36	96	5973		Engraved
2	Footing (1:1.5:3)	26	3	2025	6x6x6		8.6	36	107	6658		Engraved
3	Footing (1:1.5:3)	26	3	2025	6x6x6		8.4	36	98	6098		Engraved
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#### Witnessed by: NII

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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.



):	Mr. Ashar Younis
	Assistant Engineer (P&D), Evacuee Trust Property Board, Government of Pakistan

Project: Construction of Zonal / District Office Cum Residence at Nankana Sahib

Our Ref. No. CL/C	ED/ 8194	Dated:	05/05/2025	Test Specification	
Your Ref. No.	No.2805	Dated:	30/04/2025	( BS 1881-116 )	

9364

## **COMPRESSION TEST REPORT**

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

Specimens received on:		30/04/2025 Tested on:			05/05/2025 in dry/v		in dry/wet	y/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 Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Col. F&P (1:1:2)	27	3	2025	6x6x6		8.6	36	93	5787		Engraved
2	Col. F&P (1:1:2)	27	3	2025	6x6x6		8.4	36	95	5911		Engraved
3	Col. F&P (1:1:2)	27	3	2025	6x6x6		8.6	36	100	6222		Engraved
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2.The test results are recommended to be interpreted in the light of above factors by the engineer.



To:	Engr. Riaz Ahmad									
	Resident Engineer (A&D), Metroplan-Asian Consulting Engineers. NSICTR Project Lahore.									
	Project: Establishment of Nawaz Sharif Institute of Cancer Treatment and Research, Lahore (Phase-1, Package A & D)									
	Our Ref. No. CL	(CED/ 8195	Dated:	05/05/2025						
	Your Ref. No.	Metroplan-Asian(JV),NSICTR-RE(A&D)/149	Dated:	29/04/2025						

## **COMPRESSION TEST REPORT**

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

Specimens received on:		30/04/2025 Tested or		Tested on:	05/05/2025		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	Solid Block				12 x 6 x 8		21	72	61	1898		
2	Solid Block				12 x 5.9 x 8		21	70.8	64	2025		
3	Solid Block				12 x 6 x 8		21	72	86	2676		
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## **Director/Dy. Director Concrete Laboratory**

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9367 Dr. M. Yousaf

Test Specification (----)