

**Civil Engineering Department** 

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

8091 Engr. A. Rehman

#### To: AL-HADEED CORPORATION Gulberg III, Lahore.

Project: Construction of Shell Petrol Pump at Yateem Khana, Lahore.

Our Ref. No. CL/CED/ 6408-1 of 2	Dated:	11-11-24	Test Specification
Your Ref. No. AHC/553/10	Dated:	25-10-24	(ASTM C39)

### **COMPRESSION TEST REPORT**



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

Specime	ens received on:	2	5-10	-24	Tested on:	08-1	1-24	in dry/wet condition		Ē	jesusa	
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)		Water Absorpti on (%)	Remarks
1		20	10	2024	6Diax12		13	28.28	24	1901		Non Engraved
2		20	10	2024	6Diax12		14	28.28	62	4911		Non Engraved
3		20	10	2024	6Diax12		13.6	28.28	46	3644		Non Engraved
4		23	10	2024	6Diax12		13.4	28.28	44	3485		Non Engraved
5		23	10	2024	6Diax12	WHINE	13.4	28.28	24	1901		Non Engraved
6		23	10	2024	6Diax12	READ N	13	28.28	33	2614		Non Engraved
7						OF THY CORD WHO OREATES	زیک الذکی خلق ر					
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#### 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.



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8213 Dr. Wasim Abbas

To: MEL (Pvt.) Limited. DHA Phase-8 Lahore Cantt.

Project: GMD				
Our Ref. No. CL/C	ED/ 6409	Dated:	11-11-24	Test Specification
Your Ref. No.	ISPL-112-LET-000401	Dated:	11-11-24	(ASTM C39)

-

### **COMPRESSION TEST REPORT**



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

-

Specim	ens received on:	1	1-11	-24	Tested on:	11-1	1-24	in dry/wet condition		Ū	jester	
Sr. No.	Mark*	Cas DD	-	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	Raft (3000 Psi)	21	10	2024	6Diax12		13	28.28	36	2851		Non Engraved
2	Raft (3000 Psi)	21	10	2024	6Diax12		13	28.28	83	6574		Non Engraved
3	Raft (3000 Psi)	21	10	2024	6Diax12		12.4	28.28	34	2693		Non Engraved
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Witness	ed by:											

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8216 Dr. M. Yousaf

#### To: HEAD CONSTRUCTION SITE ABL-UML P-199&200. Allied Bank

Project: Construction of ABL Upper Mall Lahore Plot No.199,200.

Our Ref. No. CL/	CED/ 6410	Dated:	11-11-24	Test Specification
Your Ref. No.	ABL-UML-AMC-QAQC-96	Dated:	11-11-24	(ASTM C39)

### **COMPRESSION TEST REPORT**



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

Specim	ens received on:	1	1-11	-24	Tested on:	11-1	1-24	in dry/wet condition		Ē	je skerg																							
Sr. No.	Mark*		-		Casting Date*		-		-		-		Casting Date*		Casting Date*		-		_		-		-		-		Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)																							
1	10th F. Slab & Beam # 1	3	11	2024	6Diax12		13.4	28.28	40	3168		Non Engraved																						
2	10th F. Slab & Beam # 2	3	11	2024	6Diax12		13.2	28.28	62	4911		Non Engraved																						
3	10th F. Slab & Beam # 3	3	11	2024	6Diax12		13	28.28	64	5069		Non Engraved																						
4	10th F. Slab Columns Cap # 4	3	11	2024	6Diax12		13	28.28	68	5386		Non Engraved																						
5	10th F. Slab Columns Cap # 5	3	11	2024	6Diax12	TUR	13.4	28.28	73	5782		Non Engraved																						
6	10th F. Slab Columns Cap # 6	3	11	2024	6Diax12	KEAU IN	14	28.28	65	5149		Non Engraved																						
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Witness	sed by:																																	

#### Witnessed by:

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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 comprensive strength

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

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Supervisor (Lab)



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8210 Dr. Ubaid Ahmad

### To: Mr. Abdul Ghufran

QA/QC Engineer, AI-Ishtiaq Constructins

Project: SPL Retail Outlet Ch. Mohd Sharif Filling Station, Lahore.

Our Ref. No. CL/	CED/ 6411	Dated:	11-11-24	Test Specification
Your Ref. No.	ABL-UML-AMC-QAQC-96	Dated:	11-11-24	(ASTM C39)

### **COMPRESSION TEST REPORT**



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

ens received on:	1	1-11	-24	Tested on:	11-1	1-24	in dry/wet condition		Ö	jčester	
Mark*		-		Size (in)	Wet Weight (Kg/ gms)				Stress	Water Absorpti on (%)	Remarks
(3000 Psi)	31	10	2024	6Diax12		13	28.28	47	3723		Non Engraved
(3000 Psi)	31	10	2024	6Diax12		12.6	28.28	45	3564		Non Engraved
(3000 Psi)	31	10	2024	6Diax12		12.2	28.28	46	3644		Non Engraved
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					NHNE	RING					
				-	READIN						
					OF THY HORD WHO OREATES	زیک اندنی خلق ر	121				
				188							
					25		₹				
				<	/ A	IORL.					
	Mark* (3000 Psi) (3000 Psi) (3000 Psi)	Mark*         Cas           DD         (3000 Psi)         31           (3000 Psi)         31	Mark*         Casting           DD MM           (3000 Psi)         31         10           (3000 Psi)         31         10 <td>Mark*         Casting Date*           DD         MM YYYY           (3000 Psi)         31         10         2024           (300 Psi)         10         10         10           (300 Psi)         10</td> <td>Mark*         Casting Date*         Size           DD         MM         YYY         (in)           (3000 Psi)         31         10         2024         6Diax12  <!--</td--><td>Mark*         Casting Date*         Size         Wet Weight           DD         MM YYYY         (in)         (Kg/gms)           (3000 Psi)         31         10         2024         6Diax12   </td><td>Mark*         Casting Date*         Size         Wet Weight         Dry Weight           (3000 Psi)         31         10         2024         6Diax12          13           (3000 Psi)         31         10         2024         6Diax12          12.6                12.2                                   <t< td=""><td>Mark*         <math>Casting Date*</math>         Size         Wet Weight Weight (Kg/gms)         Area of X-Section (Sq. in)           (3000 Psi)         31         10         2024         6Diax12          13         28.28           (3000 Psi)         31         10         2024         6Diax12          12.6         28.28           (3000 Psi)         31         10         2024         6Diax12          12.7         28.28  </td><td>Mark*         Casting Date*         Size         Wet Weight (Kg/ gms)         Dry Weight (Sq. in)         Area of Load (Imp.Tons)           (3000 Psi)         31         10         2024         6Diax12          13         28.28         47           (3000 Psi)         31         10         2024         6Diax12          12.6         28.28         45           (3000 Psi)         31         10         2024         6Diax12          12.2         28.28         46             12.2         28.28         46   <td>Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section (Imp. Tons)         Ultimate Stress (psi)           (3000 Psi)         31         10         2024         6Diax12          13         28.28         47         3723           (3000 Psi)         31         10         2024         6Diax12          12.6         28.28         45         3564           (3000 Psi)         31         10         2024         6Diax12          12.6         28.28         46         3644             12.2         28.28         46         3644             12.2         28.28         46         3644              12.2         28.28         46         3644                                     </td><td>Mark*         Casting Date*         Size         Weight (in)         Met (kg/gms) (kg/gms)         Dry keight (kg/gms)         Area of x-Section (kg/gms)         Ultimate load (kg/gms)         Wate tress (kg/gms)           (3000 Psi)         31         10         2024         6Diax12          13         28.28         47         3723            (3000 Psi)         31         10         2024         6Diax12          12.6         28.28         45         3564            (3000 Psi)         31         10         2024         6Diax12          12.2         28.28         46         3644            (3000 Psi)         31         10         2024         6Diax12          12.2         28.28         46         3644            (3000 Psi)         31         10         2024         6Diax12          12.2         28.28         46         3644                           </td></td></t<></td></td>	Mark*         Casting Date*           DD         MM YYYY           (3000 Psi)         31         10         2024           (300 Psi)         10         10         10           (300 Psi)         10	Mark*         Casting Date*         Size           DD         MM         YYY         (in)           (3000 Psi)         31         10         2024         6Diax12           (3000 Psi)         31         10         2024         6Diax12 </td <td>Mark*         Casting Date*         Size         Wet Weight           DD         MM YYYY         (in)         (Kg/gms)           (3000 Psi)         31         10         2024         6Diax12   </td> <td>Mark*         Casting Date*         Size         Wet Weight         Dry Weight           (3000 Psi)         31         10         2024         6Diax12          13           (3000 Psi)         31         10         2024         6Diax12          12.6                12.2                                   <t< td=""><td>Mark*         <math>Casting Date*</math>         Size         Wet Weight Weight (Kg/gms)         Area of X-Section (Sq. in)           (3000 Psi)         31         10         2024         6Diax12          13         28.28           (3000 Psi)         31         10         2024         6Diax12          12.6         28.28           (3000 Psi)         31         10         2024         6Diax12          12.7         28.28  </td><td>Mark*         Casting Date*         Size         Wet Weight (Kg/ gms)         Dry Weight (Sq. in)         Area of Load (Imp.Tons)           (3000 Psi)         31         10         2024         6Diax12          13         28.28         47           (3000 Psi)         31         10         2024         6Diax12          12.6         28.28         45           (3000 Psi)         31         10         2024         6Diax12          12.2         28.28         46             12.2         28.28         46   <td>Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section (Imp. Tons)         Ultimate Stress (psi)           (3000 Psi)         31         10         2024         6Diax12          13         28.28         47         3723           (3000 Psi)         31         10         2024         6Diax12          12.6         28.28         45         3564           (3000 Psi)         31         10         2024         6Diax12          12.6         28.28         46         3644             12.2         28.28         46         3644             12.2         28.28         46         3644              12.2         28.28         46         3644                                     </td><td>Mark*         Casting Date*         Size         Weight (in)         Met (kg/gms) (kg/gms)         Dry keight (kg/gms)         Area of x-Section (kg/gms)         Ultimate load (kg/gms)         Wate tress (kg/gms)           (3000 Psi)         31         10         2024         6Diax12          13         28.28         47         3723            (3000 Psi)         31         10         2024         6Diax12          12.6         28.28         45         3564            (3000 Psi)         31         10         2024         6Diax12          12.2         28.28         46         3644            (3000 Psi)         31         10         2024         6Diax12          12.2         28.28         46         3644            (3000 Psi)         31         10         2024         6Diax12          12.2         28.28         46         3644                           </td></td></t<></td>	Mark*         Casting Date*         Size         Wet Weight           DD         MM YYYY         (in)         (Kg/gms)           (3000 Psi)         31         10         2024         6Diax12            (3000 Psi)         31         10         2024         6Diax12	Mark*         Casting Date*         Size         Wet Weight         Dry Weight           (3000 Psi)         31         10         2024         6Diax12          13           (3000 Psi)         31         10         2024         6Diax12          12.6                12.2 <t< td=""><td>Mark*         <math>Casting Date*</math>         Size         Wet Weight Weight (Kg/gms)         Area of X-Section (Sq. in)           (3000 Psi)         31         10         2024         6Diax12          13         28.28           (3000 Psi)         31         10         2024         6Diax12          12.6         28.28           (3000 Psi)         31         10         2024         6Diax12          12.7         28.28  </td><td>Mark*         Casting Date*         Size         Wet Weight (Kg/ gms)         Dry Weight (Sq. in)         Area of Load (Imp.Tons)           (3000 Psi)         31         10         2024         6Diax12          13         28.28         47           (3000 Psi)         31         10         2024         6Diax12          12.6         28.28         45           (3000 Psi)         31         10         2024         6Diax12          12.2         28.28         46             12.2         28.28         46   <td>Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section (Imp. Tons)         Ultimate Stress (psi)           (3000 Psi)         31         10         2024         6Diax12          13         28.28         47         3723           (3000 Psi)         31         10         2024         6Diax12          12.6         28.28         45         3564           (3000 Psi)         31         10         2024         6Diax12          12.6         28.28         46         3644             12.2         28.28         46         3644             12.2         28.28         46         3644              12.2         28.28         46         3644                                     </td><td>Mark*         Casting Date*         Size         Weight (in)         Met (kg/gms) (kg/gms)         Dry keight (kg/gms)         Area of x-Section (kg/gms)         Ultimate load (kg/gms)         Wate tress (kg/gms)           (3000 Psi)         31         10         2024         6Diax12          13         28.28         47         3723            (3000 Psi)         31         10         2024         6Diax12          12.6         28.28         45         3564            (3000 Psi)         31         10         2024         6Diax12          12.2         28.28         46         3644            (3000 Psi)         31         10         2024         6Diax12          12.2         28.28         46         3644            (3000 Psi)         31         10         2024         6Diax12          12.2         28.28         46         3644                           </td></td></t<>	Mark* $Casting Date*$ Size         Wet Weight Weight (Kg/gms)         Area of X-Section (Sq. in)           (3000 Psi)         31         10         2024         6Diax12          13         28.28           (3000 Psi)         31         10         2024         6Diax12          12.6         28.28           (3000 Psi)         31         10         2024         6Diax12          12.7         28.28	Mark*         Casting Date*         Size         Wet Weight (Kg/ gms)         Dry Weight (Sq. in)         Area of Load (Imp.Tons)           (3000 Psi)         31         10         2024         6Diax12          13         28.28         47           (3000 Psi)         31         10         2024         6Diax12          12.6         28.28         45           (3000 Psi)         31         10         2024         6Diax12          12.2         28.28         46             12.2         28.28         46 <td>Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section (Imp. Tons)         Ultimate Stress (psi)           (3000 Psi)         31         10         2024         6Diax12          13         28.28         47         3723           (3000 Psi)         31         10         2024         6Diax12          12.6         28.28         45         3564           (3000 Psi)         31         10         2024         6Diax12          12.6         28.28         46         3644             12.2         28.28         46         3644             12.2         28.28         46         3644              12.2         28.28         46         3644                                     </td> <td>Mark*         Casting Date*         Size         Weight (in)         Met (kg/gms) (kg/gms)         Dry keight (kg/gms)         Area of x-Section (kg/gms)         Ultimate load (kg/gms)         Wate tress (kg/gms)           (3000 Psi)         31         10         2024         6Diax12          13         28.28         47         3723            (3000 Psi)         31         10         2024         6Diax12          12.6         28.28         45         3564            (3000 Psi)         31         10         2024         6Diax12          12.2         28.28         46         3644            (3000 Psi)         31         10         2024         6Diax12          12.2         28.28         46         3644            (3000 Psi)         31         10         2024         6Diax12          12.2         28.28         46         3644                           </td>	Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section (Imp. 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#### Witnessed by: Mr. Abdul Ghufran, CNIC # 34603-2960821-5

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1.  $^{\star}$  as engraved on the specimens (if any)

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**Civil Engineering Department** 

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

8211 Dr. M. Burhan

To: TAWASUL DEVELOPERS PRIVATE LIMITED 6-D Upper Mall Lahore.

Project: CREEK TOWER, 6-D Upper Mall Lahore.

Our Ref. No. CL/CED/ 6412	Dated:	11-11-24	Test Specification
Your Ref. No. Nil	Dated:	11-11-24	(ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	1	1-11	-24	Tested on:	11-1	1-24	in dry/wet condition		Ü	jester			
Sr. No.	Mark*		•	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks		
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)			
1	(4000 Psi)	1	10	2024	6Diax12		14.6	28.28	38	3010		Non Engraved		
2	(4000 Psi)	1	10	2024	6Diax12		14.6	28.28	46	3644		Non Engraved		
3	(4000 Psi)	1	10	2024	6Diax12		14.4	28.28	44	3485		Non Engraved		
4	CFRP Single Wrap (4000 Psi)	1	10	2024	6Diax12		15	28.28	52	4119		Non Engraved		
5	CFRP Single Wrap (4000 Psi)	1	10	2024	6Diax12	WHINE	RI/15	28.28	85	6733		Non Engraved		
6	CFRP Double Wrap (4000 Psi)	1	10	2024	6Diax12	READ N	15	28.28	135	10693		Non Engraved		
7						OF THY -CORD WHO OREATES	زیک ان کی خلق ر							
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16														
Witness	ed by: Mr. Junaid	Asla	m CN	Witnessed by: Mr. Junaid Aslam CNIC # 35202-6038398-7										

### Witnessed by: Mr. Junaid Aslam CNIC # 35202-6038398-7

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

1.  $^{\star}$  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)



To: Captain (R) Ali Abbas Hashmi Project Manager, 7 Canal Developers

**Project: 7 Canal Residential Apartment Buildings** 

Our Ref. No. CL/CED/ 6413	Dated:	11-11-24	Test Specification
Your Ref. No. Nil	Dated:	08-11-24	(ASTM C39)

8209

### **COMPRESSION TEST REPORT**

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

Specim	Decimens received on: 08-11-24 Tested on: 11-11-24 in dry/wet condition			ONLINE REPORT								
Sr. No.	Mark*		-	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		31	10	2024	6Diax12		15	28.28	46	3644		Non Engraved
2		31	10	2024	6Diax12		14.4	28.28	58	4594		Non Engraved
3		31	10	2024	6Diax12		14.6	28.28	56	4436		Non Engraved
4										-		
5						THINE	RING					
6					💊	READIN		<b>_</b>				
7						OF THY UCRD WHO CREATES	ز <del>یک</del> اند کی خلق ر	I FCH				
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12												
13												
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15												
16												
Witness	Witnessed by: CNIC # 35202-3135814-3											

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)



Senior Estate Engineer, Sundar Industrial Estate

Project: Road Repair Work at Sundar Industrial Estate

Our Ref. No. CL/	CED/ 6414	Dated:	11-11-24	Test Specification
Your Ref. No.	BOM/SIE/BCD/10-24/677	Dated:	30-10-24	(ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	0	1-11	-24	Tested on:	11-1	11-24	in dry/wet	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	-	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		1	10	2024	6Diax12		14	28.28	43	3406		Engraved
2		1	10	2024	6Diax12		12.4	28.28	42	3327		Engraved
3		1	10	2024	6Diax12		13.6	28.28	40	3168		Engraved
4												
5					<	STATI	RING					
6					)a	READ IN	2071	<u> </u>				
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12												
13												
14												
15												
16												
Witness	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 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

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

> 8201 Dr. M.Yousaf

To: **AI-Hamad Engineering Services** 

55-A, Mohafiz Town, Canal Road, Lahore.

Project: Construction Work of Line-3 and Line-4 at Cola Next Phool Nagar, Lahore.

Our Ref. No. CL/CED/ 6415	Dated:	11-11-24	Test Specification
Your Ref. No. Nil	Dated:	07-11-24	( BS 1881-116 )

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	0	7-11	-24	Tested on:	11-1	11-24	in dry/wet	t condition			ONLINE REPORT
Sr. No.	Mark*		-	Date* YYYY	Size	Wet Weight	Dry Weight	Area of X-Section (Sq. in)		Ultimate Stress	Water Absorpti on (%)	Remarks
1	Line-3 Footing, RF- 1 (3000 Psi)		10	2024	(in) 6x6x6	(Kg/ gms) 	(Kg/ gms) 8.2	36	(Imp.Tons) 63	(psi) 3920		Non Engraved
2	Line-3 Footing, RF- 1 (3000 Psi)	5	10	2024	6x6x6		8.4	36	64	3982		Non Engraved
3	Line-3 Footing, RF- 1 (3000 Psi)	5	10	2024	6x6x6		8.4	36	60	3733		Non Engraved
4	Line-3 Footing, RF- 1 (4000 Psi)	6	10	2024	6x6x6		8.4	36	107	6658		Non Engraved
5	Line-3 Footing, RF- 1 (4000 Psi)	6	10	2024	6x6x6	STATI	8.6	36	116	7218		Non Engraved
6	Line-3 Footing, RF- 1 (4000 Psi)	6	10	2024	6x6x6 🔪	READ IN	8.7	36	107	6658		Non Engraved
7	Line-4 Footing, RF- 2 (3000 Psi)	7	10	2024	6x6x6	OF THY -UORD WHC OREATES	8.4	36	55	3422		Non Engraved
8	Line-4 Footing, RF- 2 (3000 Psi)	7	10	2024	6x6x6		8	36	41	2551		Non Engraved
9	Line-4 Footing, RF- 2 (3000 Psi)	7	10	2024	6x6x6	20-	8	36	63	3920		Non Engraved
10					<		IORE.					
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13												
14												
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Witness	ed by: Nil	•				·			•			

#### litnessea by: Ni

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

8203 Dr. M.Yousaf

To: Sub Divisional Officer Buildings Sub Division No.11, Lahore.

Project: Establishment of Safe City Girls Hostel at Lahore.

Our Ref. No. CL/CED/ 6416	Dated:	11-11-24	Test Specification
Your Ref. No. No. 421/11th	Dated:	28-10-24	( BS 1881-116 )

### COMPRESSION TEST REPORT

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

Specim	ens received on:	0	8-11	-24	Tested on:	11-1	1-24	in dry/wet	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	-	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	F.F Column (4000 Psi)	30	9	2024	6x6x6		8.2	36	79	4916		Non Engraved
2	F.F Column (4000 Psi)	30	9	2024	6x6x6		8.4	36	52	3236		Non Engraved
3												
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5						NHINE	RING					
6					- 2	READ IN	2071					
7						OF THY CORD WHO CREATES	ز <del>ی</del> ک ا اند کی خلق ر	103				
8					188							
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14												
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16												
Witness	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 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

8203 Dr. M.Yousaf

To: Sub Divisional Officer Buildings Sub Division No.11, Lahore.

Project: Establishment of Safe City Girls Hostel at Lahore.

Our Ref. No. CL/CED/ 6417	Dated:	11-11-24	Test Specification
Your Ref. No. No. 424/11th	Dated:	29-10-24	( BS 1881-116 )

### **COMPRESSION TEST REPORT**

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

Specime	ens received on:	0	8-11	-24	Tested on:	11-1	11-24	in dry/wet	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas	_	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	2nd F. Beam & Slab (3000 Psi)	1	10	2024	6x6x6		8.6	36	68	4231		Non Engraved
2	2nd F. Beam & Slab (3000 Psi)	1	10	2024	6x6x6		8.4	36	60	3733		Non Engraved
3												
4												
5						<b>N BINE</b>	RIN'S					
6					>	READ IN	2071					
7						OF THY CORD WHO CREATES	رچې ا اند کې خلق ر	103				
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12												
13												
14												
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16												
Witness	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 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

8203 Dr. M.Yousaf

To: Sub Divisional Officer Buildings Sub Division No.11, Lahore.

Ballangs Sub Division No. 11, Lanore.

Project: Establishment of Safe City Girls Hostel at Lahore.

Our Ref. No. CL/CED/ 6418	Dated:	11-11-24	Test Specification
Your Ref. No. No. 396/11th	Dated:	19-10-24	(BS 1881-116)

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	0	8-11	-24	Tested on:	11-1	1-24	in dry/wet	condition			ONLINE REPORT
Sr. No.	Mark*			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	G.F Beams & Slab (3000 Psi)	18	9	2024	6x6x6		9	36	60	3733		Non Engraved
2	G.F Beams & Slab (3000 Psi)	18	9	2024	6x6x6		8.4	36	80	4978		Non Engraved
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5					(	THE	RING					
6					)	READ IN	2071					
7						OF THY CREATES	ز <del>ب</del> ک اند کی خلق ر	133				
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Witness	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 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

8203 Dr. M.Yousaf

To: Sub Divisional Officer Buildings Sub Division No.11, Lahore.

Buildings Sub Division No. 11, Lanore.

Project: Establishment of Safe City Girls Hostel at Lahore.

Our Ref. No. CL/CED/ 6419	Dated:	11-11-24	Test Specification
Your Ref. No. No. 401/11th	Dated:	23-10-24	( BS 1881-116 )

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	0	8-11	-24	Tested on:	11-1	11-24	in dry/wet	t condition			ONLINE REPORT
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	2nd F. Column (4000 Psi)	22	9	2024	6x6x6		9	36	70	4356		Non Engraved
2	2nd F. Column (4000 Psi)	22	9	2024	6x6x6		8.8	36	86	5351		Non Engraved
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16												
Witness	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 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

8183 Dr. M.Yousaf

To: Mr. Waris Ali

Azaam International Developers Pvt. Ltd.

Project: Comm Plaza DHA Phase-8, Plot # 127

Our Ref. No. CL/CED/ 6420	Dated:	11-11-24	Test Specification
Your Ref. No. Nil	Dated:	06-11-24	( BS 1881-116 )

### COMPRESSION TEST REPORT

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

Specim	ens received on:	0	6-11	-24	Tested on:	11-1	11-24	in dry/wet	condition			ONLINE REPORT
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	4000 Psi	21	9	2024	6x6x6		7.8	36	63	3920		Non Engraved
2	4000 Psi	21	9	2024	6x6x6		8	36	66	4107		Non Engraved
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Witness	ed by: Nil	-	-	•		•	•	•	•			

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

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

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

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

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



To:

### 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.

> 8199 Dr. M.Yousaf

Mr. M. USMAN R	AUF			
Resident Engine	er, Highways and Transportation Enginee	ering Division, NESPAK (I	Pvt) Ltd	
	iction of Carpet & PCC from H # 424, 1-D-1 a Masjid Islamia 2-D-1 Green Town UC-23			‡ 18 to
Our Ref. No. CL/	'CED/ 6421	Dated:	11-11-24	Test Specification
Your Ref. No.	4084/103/MUR/104/1902	Dated:	25-10-24	(BS 1881-116)

### COMPRESSION TEST REPORT

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

Specim	ens received on:	0	7-11	-24	Tested on:	11-1	11-24	in dry/wet	condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		24	9	2024	6x6x6		9.2	36	75	4667		Non Engraved
2		24	9	2024	6x6x6		8.6	36	90	5600		Non Engraved
3		24	9	2024	6x6x6		7.6	36	67	4169		Non Engraved
4												
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Witness	ed by: Nil											

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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)

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)



**Civil Engineering Department** 

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



Test Specification

(----)

To:	M/S Kanwar Associates Johar Town, Lahore.							
	Project: Blessed Textile Limited Unit 4.							
	Our Ref. No. CL/CED/ 6422							
	Your Ref. No. K.A/3010/6689							

### COMPRESSION TEST REPORT

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

Specim	ens received on:	0	5-11	-24	Tested on:	11-1	11-24	in dry/wet	condition			ONLINE REPORT
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Rectangular, Grey, 80mm				7.8 x 3.8 x 2.9		3545	29.64	119	8993		
2	Rectangular, Grey, 80mm				7.8 x 3.8 x 2.9		3625	29.64	120	9069		
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Witness	ed by:											

Dated:

Dated:

11-11-24

30-10-24

#### 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 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895



Test Specification

(----)

то:	M/S Kanwar Associates Johar Town, Lahore.							
	Project: Blessed Textile Limited Unit 4.							
	Our Ref. No. CL/CED/ 6423							
	Your Ref. No. K.A/3010/6688							

### COMPRESSION TEST REPORT

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

Specim	ens received on:	0	5-11	-24	Tested on:	11-1	11-24	in dry/wet	condition			ONLINE REPORT
Sr. No.	Mark*		-	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	Rectangular, Grey, 80mm				7.8 x 3.8 x 2.9		3585	29.64	82	6197		
2	Rectangular, Grey, 80mm				7.8 x 3.8 x 2.9		3420	29.64	90	6802		
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Dated:

Dated:

11-11-24

30-10-24

#### 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 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

8206 Dr. M. Yousaf

To: Consultant

Takbeer Tower, Mecload Road, Lahore.

Project: Nil			
Our Ref. No. CL/CED/ 6424	Dated:	11-11-24	Test Specification
Your Ref. No. Nil	Dated:	08-11-24	( )

### COMPRESSION TEST REPORT

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

Specim	ens received on:	0	8-11	-24	Tested on:	11-1	11-24	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.4		2555	29.64	66	4988		
2	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.4		2635	29.64	48	3628		
3	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.4		2660	29.64	64	4837		
4	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.4		2575	29.64	52	3930		
5	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.4	THINE	2705	29.64	54	4081		
6	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.4	KEAU N	2655	29.64	66	4988		
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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)

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.



**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.

8107 Dr. M. Yousaf

#### To: Sub Divisional Officer

Buildings Sub Division No.23, Lahore.

Project: Program for Revamping of 552 BHU'S of North and Central Punjab (Phase- I) " One at (Basic Health Units of District Lahore Phase-I). (ADP No. 364 for the year 2024-25) Our Ref. No. CL/CED/ 6425 Dated: 11-11-24 Dated: 05-10-24

Your Ref. No. No. 127/23 SD

### COMPRESSION TEST REPORT



**Test Specification** 

(----)

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

Specimo	ens received on:	2	8-10	-24	Tested on:	11-1	11-24	in dry/wet	condition			ONLINE REPORT
Sr. No.	Mark*		-	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (78)	
1	JB				8.9 x 4.2 x 3		3240	37.38	38	2277		
2	JB				8.9 x 4.3 x 2.8		3080	38.27	43	2517		
3	JB				8.9 x 4.3 x 2.9		3295	38.27	40	2341		
4	707				9 x 4.4 x 3.1		3485	39.6	28	1584		
5	707				9 x 4 x 3	THE	3365	36	22	1369		
6	707				8.9 x 4.3 x 3	READ IN	3380	38.27	39	2283		
7	S				8.7 x 4.3 x 2.9	OF THY -CORD WHC CREATES	3150	37.41	38	2275		
8	S				8.7 x 4. <mark>3 x 2.8</mark>		3010	37.41	40	2395		
9	s				8.8 x 4.3 x 2.9	20-	3105	37.84	28	1658		
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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)

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.



To:

### 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.

8136 Dr. M. Yousaf

Mr. Salman Akht	tar Khan			
Engineer's Repr	esentative, Construction Management Division	on, NESPAK (Pvt) Ltd		
Project: Constru Package C-1, Ph	uction of Pakistan Kidney & Lever Institute an ase-1.	d Research Center, L	ahore Hospital PKLI,	
Our Ref. No. CL/	'CED/ 6426	Dated:	11-11-24	
Your Ref. No.	3836/13/9A/SAK/C1-MTR-270	Dated:	29-10-24	

### COMPRESSION TEST REPORT



Test Specification (----)

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

Specimens received on:			1-10	-24	Tested on:	11-1	1-24	in dry/wet	t condition			ONLINE REPORT
Sr. No.	Mark*		-	Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (76)	
1	NBI				8.8 x 4.3 x 3		3540	37.84	38	2249		
2	NBI				8.9 x 4.1 x 3		3450	36.49	42	2578		
3	NBI				8.8 x 4.2 x 3		3460	36.96	45	2727		
4	NBI				8.9 x 4.3 x 3	3800	3445	38.27			10.3	
5	NBI				8.8 x 4.3 x 3	3785	3455	37.84			9.55	
6	NBI				8.9 x 4.3 x 3	3930	3595	38.27			9.32	
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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)

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

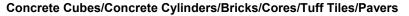
Note: Above results pertain to the unsealed samples supplied to the laboratory

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.



	arty Validation of "Construction Proje H/3, M.A. Johar Town, Lahore.	ct of Punjab Eduaction Foun	dation (PEF) Head O	ffice
Our Ref. No. CL		Dated:	11-11-24	Test Specification
Your Ref. No.	ECSP/LT/406/02	Dated:	29-10-24	()

### COMPRESSION TEST REPORT



Specim	ens received on:	2	9-10	-24	Tested on:	11-1	11-24	in dry/wet	condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	-	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	z				8.8 x 4.1 x 3	3700	3345	36.08	49	3042	10.61	
2	z				8.9 x 4.3 x 3	3740	3380	38.27	48	2810	10.65	
3	z				8.8 x 4.2 x 3	3640	3290	36.96	47	2848	10.64	
4	Z				8.8 x 4.3 x 3	3610	3185	37.84	43	2545	13.34	
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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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.

### Director/Dy. Director Concrete Laboratory



**Civil Engineering Department** 

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

8196 Dr. M. Burhan

### To: Mr. Ali Zahid Latif

Resident Engineer, NESPAK-TURKPAK JV

Project: Reconstruction of Old P&D Building, Lahore. (MIR #: MIR-001, Site Production)

Our Ref. No. CL	/CED/ 6428	Dated:	11-11-24	Test Specification
Your Ref. No.	4674/P&D/13/09/AZL/68	Dated:	07-11-24	( )

### **COMPRESSION TEST REPORT**

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

Specimens received on:		07-11-24 Tested on:			11-11-24		in dry/wet condition				ONLINE REPORT	
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Solid Block				(III) 11.9 x 5.8 x 7.9	(rtg/ gills) 	(rtg/ gills) 19.8	69.02	(imp.rons) 60	(psi) 1947		
2	Solid Block				12 x 5.9 x 7.9		20	70.8	74	2341		
3	Solid Block				12 x 6 x 8		19.8	72	79	2458		
4	Solid Block				11.9 x 5.9 x 8		18.8	70.21	74	2361		
5	Solid Block				11.9 x 5.9 x 7.9	, THE	19.4	70.21	74	2361		
6	Solid Block				11.9 x 5.9 x 8	READ IN	19.8	70.21	70	2233		
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#### Witnessed by: Mr. Ali Usman Baig, Mr. M. Irfan & Mr. M. Umer Farooq

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

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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)



**Civil Engineering Department** 

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

8196 Dr. M. Burhan

### To: Mr. Ali Zahid Latif

Resident Engineer, NESPAK-TURKPAK JV

Project: Reconstruction of Old P&D Building, Lahore. (MIR #: MIR-002, Site Production)

Our Ref. No. CL	/CED/ 6429	Dated:	11-11-24	Test Specification
Your Ref. No.	4674/P&D/13/09/AZL/69	Dated:	07-11-24	( )

### **COMPRESSION TEST REPORT**

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

Specimens received on:		07-11-24 Tested on:			11-11-24 in dry/v		in dry/we	Iry/wet condition			ONLINE REPORT	
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Solid Block				(III) 11.9 x 5.9 x 7.9	(r.g/ gills) 	(Kg/ gills) 20	(3q. iii) 70.21	58	(psi) 1850		
2	Solid Block				11.9 x 5.9 x 7.9		19.8	70.21	72	2297		
3	Solid Block				11.9 x 5.9 x 8		20.8	70.21	85	2712		
4	Solid Block				11.9 x 5.9 x 8		20	70.21	79	2520		
5	Solid Block				11.9 x 5.9 x 8	THE	20.8	70.21	74	2361		
6	Solid Block				11.9 x 5.9 x 7.9	READ IN	20	70.21	64	2042		
7						OF THY -CORD WHO OREATES	ریجب اند کی خلق ر	I FCH				
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#### Witnessed by: Mr. Ali Usman Baig, Mr. M. Irfan & Mr. M. Umer Farooq

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