

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.

6942 Dr. M. Mazhar

Engr. Haseeb Afzal			
Project Manager, HMB Developers (Pvt) Ltd.			
Project: Construction of Commercial Tower, Finance Trade & Column F, G, H, J/4)	Centre Lahore (Ground	d Floor Shear Wall E	'~G/1~2
Our Ref. No. CL/CED/ 4529	Dated:	27/3/2024	Test Specification
Your Ref. No. HMBDPL/S.O/03/24/96th (LHR)	Dated:	27/3/2024	(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27/03/2024 Tested on: 27/3/2024 in dry/wet condition									iester							
Sr. No.	Mark*	Casting Date*		_		_			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	CT-83 (6000 Psi)	26	2	2024	6Diax12		14	28.28	87	6891		Non Engraved				
2	CT-83 (6000 Psi)	26	2	2024	6Diax12		14	28.28	62	4911		Non Engraved				
3	CT-83 (6000 Psi)	26	2	2024	6Diax12		14	28.28	70	5545		Non Engraved				
4																
5					<	THE	RING									
6					/ 4	READ IN	2071									
7					- È	OF THY CREATES	ز ب ک اند کی خلق ر	13								
8								5-								
9					>	200-		2								
10					<		IORE									
11																
12																
13																
14																
15																
16																
Witnessed by: Mr. Aftab Sohail																

Witnessed by: Mr. Aftab Sohail

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

6934 Dr. M. Mazhar

To: Mr. Muhammad Sohail Anjum Project Manager, MS IT TOWER, Lahore

Project: Construction of MS IT Tower at Plot 450, 451 Johar Town Lahore

Our Ref. No. CL/CED/ 4530	Dated: 27/3/20	24 <u>Test Specification</u>
Your Ref. No. MSITT/UET/2024/C-018	Dated: 26/3/20	024 (ASTM C39)

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COMPRESSION TEST REPORT



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

Specim	ens received on:	26	6/03/2	2024	Tested on:	27/3	/2024	in dry/wet	condition		Ū	jester																				
Sr. No.	Mark*		Casting Date*		_		-		-		-		-		-		-		-		-		-		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	Cylinder No. 58 (3000 Psi)	27	2	2024	6Diax12		14.2	28.28	56	4436		Non Engraved																				
2	(3000 PSI) Cylinder No. 60 (3000 Psi)	27	2	2024	6Diax12		14	28.28	62	4911		Non Engraved																				
3	Cylinder No. 62 (3000 Psi)	27	2	2024	6Diax12		14	28.28	60	4752		Non Engraved																				
4																																
5					<	NETNE	RING																									
6					>	READ IN	2071	_																								
7						OF THY CORD WHO CREATES	رچې ا اند کې خلق ر	133																								
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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

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

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



Project: Construction of Mr. Chugtai House Residen	ice at Plot #74 Muneer Road C	antt, Lahore (OMAR	HOUSE-
Structural Member Lift + Bed+ Columns)		<i>,</i> , , , , , , , , , , , , , , , , , ,	
Our Ref. No. CL/CED/ 4531	Dated:	27/3/2024	Test Specification
Your Ref. No. Nil	Dated:	19/3/2024	(ASTM C39)

COMPRESSION TEST REPORT

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

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers																					
ens received on:	19	/03/2	2024	Tested on:	27/3	/2024	in dry/we	condition			jester										
Mark*	Casting Date*		-				-				_			Size	Wet Weight (Ka/ ams)				Stress	Water Absorpti on (%)	Remarks
4000 Psi	19	2	2024	6Diax12		13.6	28.28	36	2851		Non Engraved										
4000 Psi	19	2	2024	6Diax12		13.2	28.28	44	3485		Non Engraved										
4000 Psi	19	2	2024	6Diax12		13.6	28.28	64	5069		Non Engraved										
					TINE	RIA .															
				- 2	KEAU N	2071	<u> </u>														
					OF THY CREATES	زیجب الدمی خلق ر	133														
				188																	
					10-		~														
					(A	IORE															
	ens received on: Mark* 4000 Psi 4000 Psi 4000 Psi 4000 Psi	ens received on: 19 Mark* Cas DD 4000 Psi 19 4000 Psi	III/03/2 Mark* Casting DD MM 4000 Psi 19 2 4000 Psi 19 2 <tr tr=""> <td>Initial Stress Initial Stress Mark* Casting Date* DD MM 4000 Psi 19 2 2024 100 This 19 2 2024 100 Psi 19 2 2024 101 Psi</td><td>I J/03/2024 Tested on: I J/03/2024 Tested on: Mark* Casting Date* Size DD MM YYYY (in) 4000 Psi 19 2 2024 6Diax12 </td><td>Tested on: 27/3 Tested on: 27/3 Mark* Casting Date* Size Wet Weight Mark* D MM YYY (in) (Kg/gms) 4000 Psi 19 2 2024 6Diax12 <td>Tested on: 27/3/2024 Tested on: 27/3/2024 Mark* Casting Date* Size Wet Weight Dry Weight Mark* D MW YYYY (in) (Kg/gms) 4000 Psi 19 2 2024 6Diax12 13.6 13.6 13.6 13.6 </td><td>Image: Second on: $1 = 0 = 0 = 0 = 0$ Mark* Castry Date* Size Wet Weight Weight Weight X-Section (Kg/gms) (Kg/gms) (Sq.in) 4000 Psi 19 2 2024 6Diax12 13.6 28.28 13.6 28.28 -</td><td>Index we condition Index we condition Mark* Casting Date* Size Wet Weight Weight Keight Section (Sq. in) (Imp.Tons) 4000 Psi 19 2 2024 6Diax12 13.6 28.28 36 4000 Psi 19 2 2024 6Diax12 13.6 28.28 36 4000 Psi 19 2 2024 6Diax12 13.6 28.28 64 13.6 28.28 64 <</td><td>Tested on: 27/3/2024 in dry/wet condition Mark* C_{a} C_{a} $VVYY$ Size Wet Weight (Kg/gms) Dry Weight (Kg/gms) $Area of (Sq. in)$ Ultimate Ioad Stress (psi) 4000 Psi 19 2 2024 6Diax12 13.6 28.28 36 2851 4000 Psi 19 2 2024 6Diax12 13.6 28.28 64 5069 13 28.28 64 5069 13.6 28.28 64 5069 13.6 28.28 64 5069 </td><td>19/03/2024 Tested on: 27/3/2024 in dry/wet condition Mark* Castry vet (in) Size (in) Wet (Kg/gms) Dry (Kg/gms) Area of (Kg/gms) Ultimate (inad) Water Stress (psi) Water</td></td></tr>	Initial Stress Initial Stress Mark* Casting Date* DD MM 4000 Psi 19 2 2024 100 This 19 2 2024 100 Psi 19 2 2024 101 Psi	I J/03/2024 Tested on: I J/03/2024 Tested on: Mark* Casting Date* Size DD MM YYYY (in) 4000 Psi 19 2 2024 6Diax12	Tested on: 27/3 Tested on: 27/3 Mark* Casting Date* Size Wet Weight Mark* D MM YYY (in) (Kg/gms) 4000 Psi 19 2 2024 6Diax12 4000 Psi 19 2 2024 6Diax12 <td>Tested on: 27/3/2024 Tested on: 27/3/2024 Mark* Casting Date* Size Wet Weight Dry Weight Mark* D MW YYYY (in) (Kg/gms) 4000 Psi 19 2 2024 6Diax12 13.6 13.6 13.6 13.6 </td> <td>Image: Second on: $1 = 0 = 0 = 0 = 0$ Mark* Castry Date* Size Wet Weight Weight Weight X-Section (Kg/gms) (Kg/gms) (Sq.in) 4000 Psi 19 2 2024 6Diax12 13.6 28.28 13.6 28.28 -</td> <td>Index we condition Index we condition Mark* Casting Date* Size Wet Weight Weight Keight Section (Sq. in) (Imp.Tons) 4000 Psi 19 2 2024 6Diax12 13.6 28.28 36 4000 Psi 19 2 2024 6Diax12 13.6 28.28 36 4000 Psi 19 2 2024 6Diax12 13.6 28.28 64 13.6 28.28 64 <</td> <td>Tested on: 27/3/2024 in dry/wet condition Mark* C_{a} C_{a} $VVYY$ Size Wet Weight (Kg/gms) Dry Weight (Kg/gms) $Area of (Sq. in)$ Ultimate Ioad Stress (psi) 4000 Psi 19 2 2024 6Diax12 13.6 28.28 36 2851 4000 Psi 19 2 2024 6Diax12 13.6 28.28 64 5069 13 28.28 64 5069 13.6 28.28 64 5069 13.6 28.28 64 5069 </td> <td>19/03/2024 Tested on: 27/3/2024 in dry/wet condition Mark* Castry vet (in) Size (in) Wet (Kg/gms) Dry (Kg/gms) Area of (Kg/gms) Ultimate (inad) Water Stress (psi) Water</td>	Tested on: 27/3/2024 Tested on: 27/3/2024 Mark* Casting Date* Size Wet Weight Dry Weight Mark* D MW YYYY (in) (Kg/gms) 4000 Psi 19 2 2024 6Diax12 13.6 13.6 13.6 13.6	Image: Second on: $1 = 0 = 0 = 0 = 0$ Mark* Castry Date* Size Wet Weight Weight Weight X-Section (Kg/gms) (Kg/gms) (Sq.in) 4000 Psi 19 2 2024 6Diax12 13.6 28.28 13.6 28.28 -	Index we condition Index we condition Mark* Casting Date* Size Wet Weight Weight Keight Section (Sq. in) (Imp.Tons) 4000 Psi 19 2 2024 6Diax12 13.6 28.28 36 4000 Psi 19 2 2024 6Diax12 13.6 28.28 36 4000 Psi 19 2 2024 6Diax12 13.6 28.28 64 13.6 28.28 64 <	Tested on: 27/3/2024 in dry/wet condition Mark* C_{a} C_{a} $VVYY$ Size Wet Weight (Kg/gms) Dry Weight (Kg/gms) $Area of (Sq. in)$ Ultimate Ioad Stress (psi) 4000 Psi 19 2 2024 6Diax12 13.6 28.28 36 2851 4000 Psi 19 2 2024 6Diax12 13.6 28.28 64 5069 13 28.28 64 5069 13.6 28.28 64 5069 13.6 28.28 64 5069	19/03/2024 Tested on: 27/3/2024 in dry/wet condition Mark* Castry vet (in) Size (in) Wet (Kg/gms) Dry (Kg/gms) Area of (Kg/gms) Ultimate (inad) Water Stress (psi) Water										
Initial Stress Initial Stress Mark* Casting Date* DD MM 4000 Psi 19 2 2024 100 This 19 2 2024 100 Psi 19 2 2024 101 Psi	I J/03/2024 Tested on: I J/03/2024 Tested on: Mark* Casting Date* Size DD MM YYYY (in) 4000 Psi 19 2 2024 6Diax12 4000 Psi 19 2 2024 6Diax12	Tested on: 27/3 Tested on: 27/3 Mark* Casting Date* Size Wet Weight Mark* D MM YYY (in) (Kg/gms) 4000 Psi 19 2 2024 6Diax12 4000 Psi 19 2 2024 6Diax12 <td>Tested on: 27/3/2024 Tested on: 27/3/2024 Mark* Casting Date* Size Wet Weight Dry Weight Mark* D MW YYYY (in) (Kg/gms) 4000 Psi 19 2 2024 6Diax12 13.6 13.6 13.6 13.6 </td> <td>Image: Second on: $1 = 0 = 0 = 0 = 0$ Mark* Castry Date* Size Wet Weight Weight Weight X-Section (Kg/gms) (Kg/gms) (Sq.in) 4000 Psi 19 2 2024 6Diax12 13.6 28.28 13.6 28.28 -</td> <td>Index we condition Index we condition Mark* Casting Date* Size Wet Weight Weight Keight Section (Sq. in) (Imp.Tons) 4000 Psi 19 2 2024 6Diax12 13.6 28.28 36 4000 Psi 19 2 2024 6Diax12 13.6 28.28 36 4000 Psi 19 2 2024 6Diax12 13.6 28.28 64 13.6 28.28 64 <</td> <td>Tested on: 27/3/2024 in dry/wet condition Mark* C_{a} C_{a} $VVYY$ Size Wet Weight (Kg/gms) Dry Weight (Kg/gms) $Area of (Sq. in)$ Ultimate Ioad Stress (psi) 4000 Psi 19 2 2024 6Diax12 13.6 28.28 36 2851 4000 Psi 19 2 2024 6Diax12 13.6 28.28 64 5069 13 28.28 64 5069 13.6 28.28 64 5069 13.6 28.28 64 5069 </td> <td>19/03/2024 Tested on: 27/3/2024 in dry/wet condition Mark* Castry vet (in) Size (in) Wet (Kg/gms) Dry (Kg/gms) Area of (Kg/gms) Ultimate (inad) Water Stress (psi) Water</td>	Tested on: 27/3/2024 Tested on: 27/3/2024 Mark* Casting Date* Size Wet Weight Dry Weight Mark* D MW YYYY (in) (Kg/gms) 4000 Psi 19 2 2024 6Diax12 13.6 13.6 13.6 13.6	Image: Second on: $1 = 0 = 0 = 0 = 0$ Mark* Castry Date* Size Wet Weight Weight Weight X-Section (Kg/gms) (Kg/gms) (Sq.in) 4000 Psi 19 2 2024 6Diax12 13.6 28.28 13.6 28.28 -	Index we condition Index we condition Mark* Casting Date* Size Wet Weight Weight Keight Section (Sq. in) (Imp.Tons) 4000 Psi 19 2 2024 6Diax12 13.6 28.28 36 4000 Psi 19 2 2024 6Diax12 13.6 28.28 36 4000 Psi 19 2 2024 6Diax12 13.6 28.28 64 13.6 28.28 64 <	Tested on: 27/3/2024 in dry/wet condition Mark* C_{a} C_{a} $VVYY$ Size Wet Weight (Kg/gms) Dry Weight (Kg/gms) $Area of (Sq. in)$ Ultimate Ioad Stress (psi) 4000 Psi 19 2 2024 6Diax12 13.6 28.28 36 2851 4000 Psi 19 2 2024 6Diax12 13.6 28.28 64 5069 13 28.28 64 5069 13.6 28.28 64 5069 13.6 28.28 64 5069	19/03/2024 Tested on: 27/3/2024 in dry/wet condition Mark* Castry vet (in) Size (in) Wet (Kg/gms) Dry (Kg/gms) Area of (Kg/gms) Ultimate (inad) Water Stress (psi) Water														

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.

6891 Dr. M. Mazhar

Mr. M. Faisal Bhatti For Ittefaq Building Solutions (Pvt) Ltd			
Project: Construction of Mr. Chugtai House Residence at Pl Structural Member Slab)	lot #74 Muneer Road Cant	t, Lahore. (ALI HOUSE-	
Our Ref. No. CL/CED/ 4532	Dated:	27/3/2024	Test Specification
Your Ref. No. Nil	Dated:	19/3/2024	(ASTM C39)

COMPRESSION TEST REPORT

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



Water

Specim	ens received on:	19/03/2024 Tested on: 27/3/2024 in dry							dry/wet condition			
			tina	Date*	Size	Wet	Dry	Area of	Ultimate	Ultimate	ſ	
Sr. No.	Mark*	Cas	oung Date		5126	Weight	Weight	X-Section	load	Stress		
		DD MM YYYY		(in)	(Kg/ gms) (Kg/ gm		(Sq. in)	(Imp.Tons)	(psi)			
1	4000 Bei	20	2	2024	6Diax12		14.2	28.28	72	5702	ſ	

Sr. No.	Mark*	_			Casting Date*						Size	Weight	Weight	X-Section	load	Stress	Absorpti	Remarks
		DD	ММ	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)							
1	4000 Psi	20	2	2024	6Diax12		14.2	28.28	72	5703		Non Engraved						
2	4000 Psi	20	2	2024	6Diax12		14	28.28	58	4594		Non Engraved						
3																		
4																		
5					-	THILE	BIAto											
6						READ N	200	_										
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For Ittefaq Building Solutions (Pvt) Ltd			
Project: Construction of Mr. Chugtai House Reside	nce at Plot #74 Muneer Road C	antt, Lahore (OMAR I	HOUSE-
Structural Member Retaining Wall)			
Our Ref. No. CL/CED/ 4533	Dated:	27/3/2024	Test Specification
Your Ref. No. Nil	Dated:	19/3/2024	(ASTM C39)

COMPRESSION TEST REPORT

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



Remarks

Specim	ens received on:	19	/03/2	2024	Tested on:	27/3	/2024	in dry/wet	condition		6
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)
1	4000 Psi	3	3	2024	6Diax12		13.6	28.28	79	6257	

		DD	мм	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	4000 Psi	3	3	2024	6Diax12		13.6	28.28	79	6257		Non Engraved
2	4000 Psi	3	3	2024	6Diax12		14	28.28	72	5703		Non Engraved
3	4000 Psi	3	3	2024	6Diax12		14.2	28.28	81	6416		Non Engraved
4												
5					-	THE	RIA-					
6					-),	KEAU N	207	<u> </u>				
7						OF THY GRATES	زیجب الذکی خلق ر					
8					188							
9					-	20-		2				
10							IORE.					
11												
12												
13												
14												
15												
16												
Witness	sed by:						•	•				

witnessea by:

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

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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.

6927 Dr. M. Mazhar

To: Sub Divisional Officer Sub Division No. 17, GOR-I, Lahore

Project: Construction of Balance Work "Punjab Small Industries Corporation House", Davis Road, Lahore

Our Ref. No. CL/	CED/ 4534	Dated:	27/3/2024	Test Specification
Your Ref. No.	SDO/1100	Dated:	25/3/2024	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	25	5/03/2	2024	Tested on:	27/3	/2024	in dry/we	t condition			iesteri
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	C-2	24	2	2024	6Diax12		12.6	28.28	26	2059		Engraved
2	C-3	29	2	2024	6Diax12		13.6	28.28	46	3644		Engraved
3	C-7	2	3	2024	6Diax12		12.6	28.28	26	2059		Engraved
4	C-10	9	3	2024	6Diax12		13	28.28	32	2535		Non Engraved
5	C-11	11	3	2024	6Diax12	NETNE	RI/13	28.8	22	1711		Engraved
6					>	READ IN	2071	<u> </u>				
7						OF THY BORD WHC CREATES	ز ب ک ا الد فی خلق ر	E				
8					1			5				
9								2				
10						/A	IORE					
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)

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Plain and Reinforced Concrete Laboratory Civil Engineering Department

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

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6920 Dr. M. Mazhar

To: **Assistant Engineer (Civil)** Building and Works Department, University of Engineering and Technology, Lahore. Project: Renovation and Rehabilitation of Washrooms of Mumtaz Hall & Zubair Hall, Main Campus UET Lahore. Our Ref. No. CL/CED/ 4535 Dated:

Your Ref. No. B&W/AEN-C/MZ/04

COMPRESSION TEST REPORT



Test Specification

(ASTM C39)

27/3/2024

25/3/2024

Dated:

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

Specim	ens received on:	25	5/03/2	2024	Tested on:	27/3	/2024	in dry/wet	condition			jeste g
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	Slab (1:1.5:3)	24	2	2024	6Diax12		14	28.28	42	3327		Engraved
2	Slab (1:1.5:3)	24	2	2024	6Diax12		13.4	28.28	46	3644		Engraved
3	Slab (1:1.5:3)	24	2	2024	6Diax12		13.4	28.28	50	3960		Engraved
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Witness	ed by:											

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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.

Supervisor (Lab)



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

6924 Dr. M. Mazhar

To: Mr. Muhammad Hassnain Jaffar Project Manager, 7 Canal Developers

Project: 7 Canal Residential Apartment Buildings

Our Ref. No. CL/CED/	4536
----------------------	------

Your Ref. No. Nil

COMPRESSION TEST REPORT



Test Specification

(ASTM C39)

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

Sr. No. Mar 1	rk* D		g Date*	Size	Wet						
					Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)		Water Absorpti on (%)	Remarks
	- 1	6 3	3 2024	6Diax12		15	28.28	32	2535		Non Engraved
2	1	6 3	3 2024	6Diax12		15	28.28	28	2218		Non Engraved
3	1	7 3	3 2024	6Diax12		15	28.28	28	2218		Non Engraved
4	1	7 3	3 2024	6Diax12		15.4	28.28	28	2218		Non Engraved
5					THE	RING					
6				- 2	READ IN	2071	_				
7					OF THY GRATES	زیجب الدی خلق ر	133				
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16											

Dated:

Dated:

27/3/2024

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)

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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.

6912 Dr. M. Mazhar

Test Specification (ASTM C39)

То:	Engr. M. Shahjahan Khan Resident Engineer, Infrastructure Developmen Authority of Punjab									
		Procurement, Deployment and Commissioning of Co e Network) Infrastructure on EPC/TURNKEY Basis for	5							
	Our Ref. No. CL/	CED/ 4537	Dated:	27/3/2024						
	Your Ref. No.	PPIC3-GUJ/IDAP/2024/0014	Dated:	21/3/2024						

Mobile: 0307-0496895

COMPRESSION TEST REPORT

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

Specim	ens received on:	21	/03/2	2024	Tested on:	27/3	/2024	in dry/we	t condition			iester;
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	4000 Psi	20	2	2024	6Diax12		14	28.28	64	5069		Non Engraved
2	4000 Psi	20	2	2024	6Diax12		13.6	28.28	64	5069		Non Engraved
3	4000 Psi	20	2	2024	6Diax12		14.2	28.28	52	4119		Non Engraved
4	4000 Psi	22	2	2024	6Diax12		14	28.28	64	5069		Non Engraved
5	4000 Psi	22	2	2024	6Diax12	NEINE	RI/14	28.28	54	4277		Non Engraved
6	4000 Psi	22	2	2024	6Diax12	READ IN	13.2	28.28	54	4277		Non Engraved
7						OF THY BORD WHO CREATES	ریجب اندکی خلق ر	I FCH				
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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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.

6943&6980 Dr. M. Mazhar

To: **Executive Engineer (Revised)** Road Construction Division, Lahore.

Project: Special Repair of Approach Road to Bibi Pak Daman Shrine in District Lahore.

Our Ref. No. CL/	CED/ 4538	Dated:	27/3/2024	Test Specification
Your Ref. No.	EE(RC)/2904/CB/ST	Dated:	11-03-24	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimo	ens received on:	27	/03/2	2024	Tested on:	27/3	/2024	in dry/we	t condition		Ü	jesung
Sr. No.	Mark*		-	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
	Plain Cement	DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	- ()	
1	Concrete (1:2:4)	12	2	2024	6x6x6		8.2	36	58	3609		Non Engraved
2	Plain Cement Concrete (1:2:4)	12	2	2024	6x6x6		8.4	36	56	3484		Non Engraved
3	Plain Cement Concrete (1:2:4)	12	2	2024	6x6x6		8.4	36	54	3360		Non Engraved
4	Plain Cement Concrete (1:2:4)	12	2	2024	6x6x6		9	36	89	5538		Non Engraved
5						. WINE	RINT					
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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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.

6943 Dr. M. Mazhar

To: **Executive Engineer**

Road Construction Division, Lahore.

Project: Special Repair of Approach Road to Bibi Pak Daman Shrine in District Lahore.

Our Ref. No. CL/	/CED/ 4538	Dated:	27/3/2024	Test Specification
Your Ref. No.	EE(RC)/2904/CB/ST	Dated:	11-03-24	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimo	27/03/2024 Tested on:		27/3/2024		in dry/wet condition			Ē	j2.3.886			
Sr. No.	Mark*	Casting Date*				Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
	Plain Cement	DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Concrete (1:2:4)	12	2	2024	6x6x6		8.2	36	95	5911		Non Engraved
2	Plain Cement Concrete (1:2:4)	12	2	2024	6x6x6		8.4	36	87	5413		Non Engraved
3	Plain Cement Concrete (1:2:4)	12	2	2024	6x6x6		9	36	93	5787		Non Engraved
4	Plain Cement Concrete (1:2:4)	12	2	2024	6x6x6		8.8	36	103	6409		Non Engraved
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6					-	KEAD IN	2027					
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Civil Engineering Department

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6943&6980 Dr. M. Mazhar

To: Executive Engineer (Revised) Road Construction Division, Lahore.

Project: Special Repair of Approach Road to Bibi Pak Daman Shrine in District Lahore.

Our Ref. No. CL/	CED/ 4539	Dated:	27/3/2024	Test Specification
Your Ref. No.	EE(RC)/2903/CB/ST	Dated:	11-03-24	(BS 1881-116)

-

COMPRESSION TEST REPORT



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

Specimens received on:			27/03/2024 Tested on:		27/3/2024		in dry/wet condition			Ë	jesung	
Sr. No.	Mark*		-	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
	Plain Cement	DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	- (,	
1		12	2	2024	6x6x6		8.2	36	95	5911		Non Engraved
2	Concrete (1:1.5:3) Plain Cement Concrete (1:1.5:3)	12	2	2024	6x6x6		8.4	36	87	5413		Non Engraved
3	Plain Cement Concrete (1:1.5:3)	12	2	2024	6x6x6		9	36	93	5787		Non Engraved
4	Plain Cement Concrete (1:1.5:3)	12	2	2024	6x6x6		8.8	36	103	6409		Non Engraved
5						THE	RING					
6)							
7						OF THY GRO WHO OREATES	زیجب اندکی خلق ر					
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Civil Engineering Department

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

6943 Dr. M. Mazhar

To: **Executive Engineer**

Road Construction Division, Lahore.

Project: Special Repair of Approach Road to Bibi Pak Daman Shrine in District Lahore.

Our Ref. No. CL/	CED/ 4539	Dated:	27/3/2024	Test Specification
Your Ref. No.	EE(RC)/2903/CB/ST	Dated:	11-03-24	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on:			27/03/2024 Tested on:		27/3/2024		in dry/wet condition			Ē	jesneg	
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section			Water Absorpti on (%)	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (%)	
1	Plain Cement Concrete (1:1.5:3)	12	2	2024	6x6x6		8.2	36	58	3609		Non Engraved
2	Plain Cement Concrete (1:1.5:3)	12	2	2024	6x6x6		8.4	36	56	3484		Non Engraved
3	Plain Cement Concrete (1:1.5:3)	12	2	2024	6x6x6		8.4	36	54	3360		Non Engraved
4	Plain Cement Concrete (1:1.5:3)	12	2	2024	6x6x6		9	36	89	5538		Non Engraved
5						NHNE	RINT					
6						READ IN	2071					
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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.

> 6877 Dr. Aqsa

To: Mr. M. Usman Rauf

Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd Project: Restoration of Road Cut at Muslim Road Link Sanda Road in Data Gunj Bakhsh Zone, Lahore. (MCL Projects) Our Ref. No. CL/CED/ 4540 Dated: 27/3/2024 **Test Specification** Your Ref. No. 4084/103/MUR/104/1808 Dated: 13/3/2024 (BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on:		18/3/2024		024	Tested on: 26-03-24 in		in dry/wet condition			E E		
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	SS				8.9 x 4.4 x 3	3835	3385	39.16	40	2288	13.29	
2	SS				8.9 x 4.3 x 2.9	3600	3210	38.27	44	2575	12.15	
3	SS				9 x 4.4 x 3.1	3905	3430	39.6	48	2715	13.85	
4	SS				8.8 x 4.4 x 3.1	3625	3205	38.72	46	2661	13.1	
5	SS				9 x 4.4 x 3.1	3850	3395	39.6	28	1584	13.4	
6	SS				8.9 x 4.4 x 3.1	3830	3355	39.16	36	2059	14.16	
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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Civil Engineering Department

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

6914 Dr. M. Yousaf

To: Sub Divisional Officer **Buildings Sub Division, Nankana Sahib**

Project: Construction of PHP Post at Chak No. 5 District Nankana Sahib

Our Ref. No. CL/	CED/ 4541	Dated:	27/3/2024	Test Specification
Your Ref. No.	299/SDO/BSD/NNS	Dated:	04-03-24	()

COMPRESSION TEST REPORT



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

Specim	2	21/3/2024 Tested on:			27/3/2024 in dry/we			y/wet condition				
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	11				9 x 4.5 x 3		3450	40.5	48	2655		
2	11				8.9 x 4.4 x 3		3440	39.16	47	2688		
3	11				9 x 4.4 x 3		3425	39.6	52	2941		
4												
5						NHINE	RING					
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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)

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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.

> 6899 Dr. M. Mazhar

To: Mr. M. Usman Rauf

Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd.

Project: Improvement of PCC Main Street Tajpura Pind Lahore (Aziz Bhatti Zone). (MCL Projects)

Our Ref. No. CL	/CED/ 4542	Dated:	27/3/2024	Test Specification
Your Ref. No.	4084/103/MUR/104/1806	Dated:	12-03-24	(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on:		2	20/3/2024 T		Tested on:	ed on: 27/3/2024		in dry/wet condition			i terreta	
Sr. No.	Sr. No. Mark*		Casting Date*		Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	5				8.7 x 4.2 x 2.9	3720	3320	36.54	46	2820	12.05	
2	5				8.6 x 4.1 x 3	3550	3315	35.26	58	3685	7.09	
3	5				8.7 x 4.3 x 2.8	3695	3225	37.41	40	2395	14.57	
4	5				8.4 x 4.2 x 2.8	3490	3300	35.28	50	3175	5.76	
5	5				8.6 x 4.2 x 2.9	3715	3345	36.12	44	2729	11.06	
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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

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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.

6903 Dr. M. Mazhar

Mr. M. Usman Rauf Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd Project: 1. Rehabilitation of Main Road and Nallah Khotli Ghassi UC-143 Wahga Zone Lahore; 2. Repair & Improvement of Umar Din Road Shalamar Zone Lahore. (MCL Projects) Our Ref. No. CL/CED/ 4543 27/3/2024 Dated: **Test Specification** Your Ref. No. 4084/103/MUR/104/1817 Dated: 15/3/2024

COMPRESSION TEST REPORT



(BS 3921**)

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

Specim	21/3/2024 T		Tested on: 27/3/2024 i		in dry/wet condition							
Sr. No.	Mark*	Cas DD	-	Date*	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	К3				8.8 x 4.3 x 3	3685	3305	37.84	36	2131	11.5	
2	К3				9 x 4.4 x 3	3680	3320	39.6	32	1810	10.84	
3	КЗ				8.9 x 4.3 x 3	3565	3235	38.27	46	2692	10.2	
4	К3				8.9 x 4.3 x 3	3610	3265	38.27	44	2575	10.57	
5	К3				9 x 4.4 x 3	3615	3155	39.6	46	2602	14.58	
6	К3				8.8 x 4.3 x 2.9	3685	3395	37.84	54	3197	8.54	
7						OF THY CORD WHO CREATES	زیجہ ا اندائی خلق ر	13				
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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Civil Engineering Department

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

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6926 Dr. M. Mazhar

To: **Civil Engineer**

Punjab Small Industries Corporation, Directorate of Works & Development, Lahore. Project: Construction of Boundary Wall, Office & Rest House Repair/ Renovation and Road Repair Work at SIE-II SUNDER Lahore. Our Ref. No. CL/CED/ 4544 Dated: 27/3/2024 **Test Specification** Your Ref. No. PSIC/W&D/600 Dated: 22/3/2024

COMPRESSION TEST REPORT



(----)

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

Specim	Specimens received on: 25/3/202				Tested on:	27/3	/2024	in dry/we	condition			
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	RB				8.9 x 4.2 x 3		3200	37.38	28	1678		
2	RB				8.9 x 4.2 x 3		3175	37.38	40	2397		
3	RB				9 x 4.3 x 2.9		3210	38.7	38	2199		
4	RB				8.9 x 4.2 x 3		3270	37.38	42	2517		
5					<	STATI	RING					
6)a	READ IN	2071					
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To:

Plain and Reinforced Concrete Laboratory Civil Engineering Department

University of Engineering and Technology, Lahore. Pakistan Mobile: 0307-0496895

Landline: 042-99029245 & 042-99029202

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> 6857 Dr. M. Mazhar

Test Specification (BS 3921**)

Assistant Engin	eer (Civil)									
Building and Wo	Building and Works Department, University of Engineering & Technology, Lahore									
Project: Renova Lahore.	tion and Rehabilitation of Washrooms o	of Mumtaz Hall & Zubair Ha	III, Main Campus UET							
Our Ref. No. CL	/CED/ 4545	Dated:	27/3/2024							
Your Ref. No.	B&W/AEN-C/MZ/02	Dated:	12-03-24							

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	2-03	-24	Tested on:	27/3	/2024	in dry/wet	condition		E E	
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	MD				8.8 x 4.3 x 3	3685	3345	37.84	40	2368	10.16	
2	MD				8.9 x 4.3 x 3	3450	3115	38.27	36	2107	10.75	
3	MD				8.8 x 4.4 x 3	3755	3410	38.72	40	2314	10.12	
4	MD				8.8 x 4.3 x 3	3540	3205	37.84	28	1658	10.45	
5	MD				8.8 x 4.3 x 3	3695	3360	37.84	46	2723	9.97	
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Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory Civil Engineering Department

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

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6863 Dr. M. Mazhar

То:	Mr. Muhammad Hassan Khan Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd.											
		Project: Construction of Bridge and Approach Road Across Kahna Butchar Canal Near Heer Pind, Lahore. (Contractor: M/s Rohan & Co.)										
	Our Ref. No. CL/	CED/ 4546-1 of 2	Dated:	27/3/2024	Test Specification							
	Your Ref. No.	3772/103/ADP/MHK/KBC/14	Dated:	09-03-24	()							

COMPRESSION TEST REPORT



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

Specimens received on:		13/3/2024		024	Tested on:	27/3/2024		in dry/wet condition				
Sr. No.	Mark*		Casting Date*		Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (76)	
1	NB				8.8 x 4.3 x 3	3470	3130	37.84	28	1658	10.86	
2	NB				8.7 x 4.3 x 3	3500	3190	37.41	56	3353	9.72	
3	NB				8.7 x 4.3 x 3	3550	3190	37.41	50	2994	11.29	
4	NB				8.8 x 4.3 x 3	3565	3190	37.84	44	2605	11.76	
5						NHINE	RING					
6					-	READ N	2071					-
7						OF THY GRAD WHO OREATES	ریجب اندکی خلق ر	I FCH				1
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Plain and Reinforced Concrete Laboratory Civil Engineering Department

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

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6863 Dr. M. Mazhar

To: Mr. Muhammad Hassan Khan Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd. Project: Construction of Bridge and Approach Road Across Kahna Butchar Canal Near Heer Pind, Lahore. (Contractor: M/s Rohan & Co.) Our Ref. No. CL/CED/ 4546-2 of 2 Dated: 27/3/2024 **Test Specification** Your Ref. No. 3772/103/ADP/MHK/KBC/14 Dated: 09-03-24 (BS 3921**)

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	3/3/2	024	Tested on:	27/3	/2024	in dry/wet	condition		E E	
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	7UP				8.8 x 4.3 x 3	3665	3285	37.84	58	3433	11.57	
2	7UP				8.6 x 4.2 x 3	3465	3280	36.12	46	2853	5.64	
3	7UP				8.7 x 4.3 x 3	3495	3110	37.41	54	3233	12.38	
4	7UP				8.8 x 4.3 x 3	3550	3135	37.84	34	2013	13.24	
5	7UP				9 x 4.3 x 3.1	3840	3440	38.7	36	2084	11.63	
6						READ IN	2071	_				
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Civil Engineering Department

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6910 Dr. M. Yousaf

To: Mr. Kashif Munir

Manager Accounts & Finance, RA Empire (Pvt) Ltd.

Project: Construction of a Farm House Society in Bedian Road Lahore.

Our Ref. No. CL/CED/ 4547	Dated:	27/3/2024	Test Specification
Your Ref. No. Nil	Dated:	21/3/2024	()

COMPRESSION TEST REPORT



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

Specimens received on:		21/3/2024 Teste		Tested on:	27/3/2024		in dry/wet condition			E E		
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	Rectangular, Red, 80mm				7.8 x 3.8 x 3.2		3720	29.64	110	8313		
2	Rectangular, Black, 80mm				7.8 x 3.8 x 3.2		3745	29.64	95	7179		
3	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1		3790	29.64	117	8842		
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Civil Engineering Department

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

> 6916 Dr. Aqsa

To: **Engineer's Representative**

Metroplan-Asian JV, Site Office JIC-JHL, Lahore.

Project: Establishment of Jinnah Institute of Cardiology at Jinnah Hospital Lahore.

Our Ref. No. CL/	CED/ 4548	Dated:	27/3/2024	Test Specification
Your Ref. No.	Metroplan-Asian-JVJIC-JHL-RE-162-2024	Dated:	22/3/2024	()

COMPRESSION TEST REPORT



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

Specim	ens received on:	22/3/2024 Tested on:		Tested on:	27/3/2024 in dry		in dry/wet	n dry/wet condition				
Sr. No.	Mark*	Cas	U	Date*	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	Solid Block (6x8x11.5)	26	2	2024	11.9 x 5.9 x 7.5		19.2	68.37	84	2752		
2	Solid Block (6x8x11.5)	26	2	2024	11.9 x 5.9 x 7.5		19	68.37	74	2424		
3	Solid Block (6x8x11.5)	26	2	2024	11.9 x 5.9 x 7.5		19.2	68.37	77	2523		
4	Solid Block (8x8x11.5)	26	2	2024	11.9 x 8 x 7.8		27	92.86	112	2702		
5	Solid Block (8x8x11.5)	26	2	2024	11.9 x 8 x 7.8	STATI	25.6	92.86	93	2243		
6	Solid Block (8x8x11.5)	26	2	2024	11.9 x 8 x 7.9	READ IN	26.2	92.86	107	2581		
7	Hollow Block (8x8x16.5)	26	2	2024	16.5 x 8 x 8	OF THY GRAD WHC CREATES	31.2	80	111	3108		
8	Hollow Block (8x8x16.5)	26	2	2024	16.5 x 8 x 8		31.2	80	51	1428		
9	Hollow Block (8x8x16.5)	26	2	2024	16.5 x 8 x 8		32	80	76	2128		
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