

University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

#### To: Muhammad Saleem (GM)

192 Dr.Mazhar Saleem

Professional Construction Services (Pvt.) Ltd. Lahore

Project: Constru	ction of Allied	d Bank Park Viev	v Phase-8 DHA, Lahore

Our Ref. No. CL/CED/	1263	Dated:	30-11-20
Your Ref. No.	PCS/20/Eng-93-C	Dated:	27-11-20

### COMPRESSION TEST REPORT

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

Specimens received on:

27-11-20 Tested on:

30-11-20 in dry/wet condition

		Ca	sting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	M	/et W	eight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Basement Retaining Wall	15	11	2020	6Diax12	14	28.28	57	4520	Non Engraved
2	Basement Retaining Wall	15	11	2020	6Diax12	14	28.28	57	4520	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6

\* as engraved on the specimens (if any)

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

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

\*\*\*\* 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

The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients). The test results are recommended to be interpreted in the light of above factors by the engineer.

supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

#### To: Muhammad Saleem (GM)

192 Dr.Mazhar Saleem

Professional Construction Services (Pvt.) Ltd. Lahore Project: Construction of Allied Bank Park View Phase-8 DHA, Lahore

Our Ref. No. CL/CED/	1264	Dated:	30-11-20
Your Ref. No.	PCS/20/Eng-93-B	Dated:	27-11-20

### **COMPRESSION TEST REPORT**

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

Specimens received on:

27-11-20 Tested on:

30-11-20 in dry/wet condition

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	Ca	asting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Mark*	Λ	Vet V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
		(gn	าร)			(Sq. in)	(Tons/lbs)	(Psi)	
Raft	4	11	2020	6Diax12	14.2	28.28	59	4680	Non Engraved
Raft	4	11	2020	6Diax12	14	28.28	65	5150	Non Engraved
	Raft	Mark* Λ Raft 4	Mark* /Wet V (gn Raft 4 11	(gms) Raft 4 11 2020	Mark* /Wet Weight (in) (gms) Raft 4 11 2020 6Diax12	Mark* /Wet Weight (in) (Ibs./gms) (gms) Raft 4 11 2020 6Diax12 14.2	Mark*/Wet Weight (gms)(in)(lbs./gms)X- Section (Sq. in)Raft41120206Diax1214.228.28	Mark*/Wet Weight(in)(lbs./gms)X- Section (Sq. in)load (Tons/lbs)Raft41120206Diax1214.228.2859	Mark*     /// Vet Weight     (in)     (lbs./gms)     X- Section (Sq. in)     load     Stress       Raft     4     11     2020     6Diax12     14.2     28.28     59     4680

Results can also be seen on website <u>http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6</u>

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supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

163 Dr. M. Yousaf

### To: Syed Yasir Ali (Resident Engineer)

CM Div., Nespak (Pvt.) Ltd. Lahore Project: Establishment of U.E.T Lahore Sub Campus at Narowal, Construction of Boys Hostel (Balance Works)

Our Ref. No. CL/CED/	1265	Dated:	30-11-20
Your Ref. No.	3630/13/SYA/Labtesting/157	Dated:	04-11-20

### COMPRESSION TEST REPORT

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

Specimens received on:

20-11-20 Tested on:

27-11-20 in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight (gms)	Size (in)	Weight (Ibs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	Terrazo Tile Grey		6.0x6.0x1.0	1347	36	190	11830	
2	Terrazo Tile Red		6.0x6.0x1.1	1519	36	154	9590	
3	Terrazo Tile Grey		6.0x6.0x1.0	1304	36			
4	Terrazo Tile Red		6.0x6.0x1.2	1603	36			
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supervisor(lab)



To: Hamid Zaheer

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

University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

197 Dr. M. Yousaf

N.Z & Company, Lahore Project: Installation of 55M High Self Supported Tower at Millhi Hill Top Our Ref. No. CL/CED/ 1266 Dated: 30-11-20

Your Ref. No.	Nil	Dated:	27-11-20

### COMPRESSION TEST REPORT

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

Specimens received on:

27-11-20 Tested on:

30-11-20 in dry/wet condition

Sr. No.	Mark*			Date* ′eight s)	Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	Bed	15	10	2020	6Diax12	13.4	28.28	92	7290	Non Engraved
2	Column	18	10	2020	6Diax12	13.4	28.28	90	7130	Non Engraved
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supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

### To: Abdul Ali (Associate Manager C, R & M) Allied Bank Limited, Multan

136 Dr. M. Yousaf

Project: Allied Bank Limited MDC Building, Multan						
Our Ref. No. CL/CED/	1267	Dated:				

Our Ref. No. CL/CED	1267	Dated:	30-11-20
Your Ref. No.	GHQ/S2/CRM/MA/2020/389	Dated:	27-11-20

### **COMPRESSION TEST REPORT**

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

Specimens received on:

16-11-20 Tested on:

27-11-20 in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight	Size (in)	Weight (Ibs./gms)	Area of X- Section	Ultimate load	Ultimate Stress	Remarks
		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	2 5		8.8x4.3x2.7	2987	37.84	36	2140	
2	2 5		8.5x4.1x2.7	2966	34.85	50	3220	
3	2 5		8.7x4.2x2.8	2894	36.54	63	3870	
4	Gomal		8.7x4.3x2.9	2968	37.41	36	2160	
5	Gomal		8.7x4.2x2.7	3021	36.54	34	2090	
6	Gomal		8.8x4.3x2.7	3046	37.84	24	1430	
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supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

143 Dr. M. Yousaf

#### To: Syed Wajid Ali Shah (Oi/C Civil Maintenance) CAA, AllAP, Lahore Project: Construction of Toilets for ASF Near PIA and Gates at AlIAP, Lahore Our Ref. No. CL/CED/ 1269 Datad 30-11-20

	1200	Dated.	50 11 20
Your Ref. No.	AIIAP/1657-02/17/LCAV/364	Dated:	12-11-20

## COMPRESSION TEST REPORT

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

Specimens received on:

17-11-20 Tested on:

27-11-20 in dry/wet condition

		Casting	Size	M/aight	Area of	Ultimate	Ultimate	
ġ		Date* /Wet	Size	Weight	Area or X-	Utimate	Utimate	
Sr. No.	Mark*	Weight	(in)	(lbs./gms)	Section	load	Stress	Remarks
		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Burnt Clay Tiles		9.0x4.4x1.5	1808	39.6	80	4530	
2	Burnt Clay Tiles		8.9x4.4x1.5	1724	39.16	86	4920	
3	Burnt Clay Tiles		8.9x4.3x1.4	1615	38.27	98	5740	
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supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

#### To: Khalil Ahmad (Project Manager) SA Gardens (Pvt.) Ltd. KSK Project: SA Garden Kala Shah Kaku.

151 Dr. M. Yousaf

Project: SA Garden Kala Shah Kaku, Phase 1									
Our Ref. No. CL/CED/	1269	Dated:	30-11-20						

Your Ref. No. SA/PM/Amphitheater/202 Dated: 17-11-20

## **COMPRESSION TEST REPORT**

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

Specimens received on:

18-11-20 Tested on:

27-11-

27-11-20 in dry/wet condition

		Casting Date* /Wet	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	Weight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	3		8.9x4.4x2.8	2862	39.16	18	1030	
2	3		9.0x4.4x2.9	2936	39.6	20	1140	
3	3		8.8x4.3x2.9	2818	37.84	20	1190	
4	3		8.8x4.3x2.6	2795	37.84	23	1370	
5	3		8.9x4.3x2.8	2845	38.27	23	1350	
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supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

#### To: Muhammad Aslam (Deputy Director P&D)

182 Dr.Mazar

National Textile University Sheikhpura Road, Faislabad.
Project: Construction Work of Girls Hostel (G+3) for 63 Students at University

Our Ref. No. CL/CED/	1270	Dated:	30-11-20
Your Ref. No.	NTU/G.H/C.W/20-24	Dated:	24-11-20

### **COMPRESSION TEST REPORT**

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

Specimens received on:

25-11-20 Tested on:

30-11-20 in dry/wet condition

o Z Mark* ຜັ		Casting Date*		Size	Weight	Area of	Ultimate	Ultimate	
Mark*	/We	t We	ight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
	(	(gms)	)			(Sq. in)	(Tons/lbs)	(Psi)	
Footings of Colums (1:2:4)	29	10	20	6Diax12	14	28.28	21	1670	Non Engraved
Footings of Colums (1:2:4)	29	10	20	6Diax12	14	28.28	35	2780	Non Engraved
Footings of Colums (1:2:4)	29	10	20	6Diax12	14	28.28	55	4360	Non Engraved
	Footings of Colums (1:2:4) Footings of Colums (1:2:4) Footings of Colums (1:2:4)	Mark* /We /We /We / Footings of Colums (1:2:4) 29 Footings of Colums (1:2:4) 29 / Footings of Colums 29 / / / / / / / / / / / / /	Mark*Date*Mark*/Wet WetFootings of Colums (1:2:4)29Footings of Colums (1:2:4)2910Footings of Colums (1:2:4)2910	Mark*       ////////////////////////////////////	Date*       Size         Mark* $/W = W = 0$ fm       (in)         Footings of Colums       29       10       20       6Diax12         Image: An example       20       20       20       6Diax12         Image: An example       20       <	Date*         Size         Weight           Mark* $W = W = int$ (in)         (lbs./gms)           Footings of Colums (1:2:4)         29         10         20         6Diax12         14           Image: State Stat	Date*         Size         Weight         Afea of           Mark* $/W = W = ight$ (in)         (lbs./gms)         X-Section $(gms)$ (in)         (lbs./gms)         X-Section           Footings of Colums         29         10         20         6Diax12         14         28.28           Footings of Colums         29         10         20         6Diax12         14         28.28           Footings of Colums         29         10         20         6Diax12         14         28.28           Footings of Colums         29         10         20         6Diax12         14         28.28           Footings of Colums         29         10         20         6Diax12         14         28.28           Footings of Colums         29         10         20         6Diax12         14         28.28           Inc.2:4)         Inc         10         20         6Diax12         14         28.28           Inc.2:4)         Inc         Inc         Inc         Inc         Inc         Inc           Inc.2:4)         Inc         Inc         Inc         Inc         Inc         Inc           Inc         I	Mark*         Date*         Size         Weight         Alea of         Outmate           Mark* $/// = 10$ $(in)$ $(ibs./gms)$ X-Section         load           Footings of Colums (1:2:4)         29         10         20         6Diax12         14         28.28         21           Footings of Colums (1:2:4)         29         10         20         6Diax12         14         28.28         35           Footings of Colums (1:2:4)         29         10         20         6Diax12         14         28.28         35           Footings of Colums (1:2:4)         29         10         20         6Diax12         14         28.28         35           Footings of Colums (1:2:4)         29         10         20         6Diax12         14         28.28         55           Image: Solution of Colums (1:2:4)         29         10         20         6Diax12         14         28.28         55           Image: Solution of Colums (1:2:4)         1         1         1         1         1         1         1           Image: Solution of Colums (1:2:4)         1         1         1         1         1         1         1         1	Date*         Size         Weight         Area 0         Outmate         Outmate           Mark* $W = W = \forall H$ (in)         (lbs./gms)         X-Section         load         Stress           Footings of Colums (1:2:4)         29         10         20         6Diax12         14         28.28         21         1670           Footings of Colums (1:2:4)         29         10         20         6Diax12         14         28.28         35         2780           Footings of Colums (1:2:4)         29         10         20         6Diax12         14         28.28         35         4360           Footings of Colums (1:2:4)         29         10         20         6Diax12         14         28.28         55         4360           Footings of Colums (1:2:4)         29         10         20         6Diax12         14         28.28         55         4360           Image: Intermode of Colums (1:2:4)         29         10         20         6Diax12         14         28.28         55         4360           Image: Intermode of Colums (1:2:4)         12         1         14         28.28         55         4360           Image: Intero (1:2:4)         12         1

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supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

#### To: Sub Divisional Officer

The Punjab Employees Social Security Institution (Head Office), Lahore Project: Construction of 3rd Floor at RAIC Multan Road, Lahore

Our Ref. No. CL/CED/	1271	Dated:	30-11-20
Your Ref. No.	SS.DC/804	Dated:	12-11-20

### **COMPRESSION TEST REPORT**

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

Specimens received on:

18-11-20 Tested on:

27-11-20 in dry/wet condition

Casting Size Weight Area of Ultimate Ultimate Date\* Š Wet Х-Mark\* (in) (lbs./gms) load Stress Remarks Weight Section ي. ت (Tons/lbs) (gms) (Sq. in) (Psi) 1 S2 8.8x4.3x2.9 3267 37.84 48 2850 2 S2 8.7x4.2x2.9 3356 36.54 67 4110 3 S2 8.7x4.2x2.9 3264 36.54 57 3500 4 S2 8.8x4.3x3.0 3334 37.84 30 1780 5 9.0x4.3x2.9 3397 38.7 38 2200 S2 S2 8.7x4.3x2.8 3336 37.41 53 3180 6 7 8 9 10 11 12 13 14 15 16

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supervisor(lab)

### **Director/Dy. Director Concrete Laboratory**

159 Dr. M. Yousaf



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

#### To: Ali Rehan Saleem (AD Works-III)

172 Dr.Mazhar Saleem

H&W Div., Overseas Pakistanis Foundation, Islamabad								
Project: Construction of	Roof Slab of	Mosque at Block	A OPF Housing Scheme Phase-I, Lahore					
Our Bot No. CL/CED/	1070	Datad	20.11.20					

Our Ref. No. CL/CED/	1272	Dated:	30-11-20
Your Ref. No.	OPF/354/LHR/WD	Dated:	19-11-20

### **COMPRESSION TEST REPORT**

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

Specimens received on:

23-11-20 Tested on:

26-11-20 in dry/wet condition

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		Ca	asting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	٨	Vet V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:2:4)	1	11	2020	6Diax12	14.4	28.28	63	4990	Non Engraved
2	(1:2:4)	1	11	2020	6Diax12	14	28.28	45	3570	Non Engraved
3	(1:2:4)	1	11	2020	6Diax12	14	28.28	39	3090	Non Engraved
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supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

> 180 Dr Mazhar Saleem

### To: Muhammad Essa (Chief Financial Officer) Markhor Developers (Pvt.) Ltd. Lahore Project: Construction of 75-Shadman-I, Lahore, (Third Floor), Strong Ready Mix

Tested on:

Our Ref. No. CL/CED/	1273	Dated:	30-11-20
Your Ref. No.	Nil	Dated:	23-11-20

### COMPRESSION TEST REPORT

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

Specimens received on:

25-11-20

26-11-20 in dry/wet condition

		Ca	sting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	M	/et W	eight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gms)				(Sq. in)	(Tons/lbs)	(Psi)	
1	Slab (3000 Psi)	25	10	2020	6Diax12	14	28.28	41	3250	Non Engraved
2	Slab (3000 Psi)	25	10	2020	6Diax12	14.4	28.28	45	3570	Non Engraved
3	Slab (3000 Psi)	25	10	2020	6Diax12	14.8	28.28	59	4680	Non Engraved
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6

\* as engraved on the specimens (if any)

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

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

\*\*\*\* 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

The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients). The test results are recommended to be interpreted in the light of above factors by the engineer.

supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

То:	Major Retd. Muhammad Aslam Al-Imam Enterprises (Pvt.) Ltd Project: Construction of Penta		· •	,	Dr. Umbreen
	Our Ref. No. CL/CED/	1274	Dated <sup>.</sup>	30-11-20	

	1217	Datea.	00 11 20
Your Ref. No.	Al-Imam/746/PS- 1/DHA/LHE/1193	Dated:	18-11-20

### **COMPRESSION TEST REPORT**

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

Specimens received on:

23-11-20 Те

Tested on:

24-11-20 in dry/wet condition

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		Conting						
		Casting Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/Wet Weight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Solid Block		12.0x7.8x8.0	26.2	93.6	104	2490	
2	Solid Block		12.0x7.9x8.0	26	94.8	63	1490	
3	Solid Block		12.0x7.9x8.0	26	94.8	65	1540	
4								
5								
6								
7								
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9								
10								
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12								
13								
14								
15								
16								

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#### supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

#### To: M. Imran Lahore **Project: Nil**

Our Ref. No. CL/CED/	1275	Dated:	30-11-20
Your Ref. No.	Nil	Dated:	24-11-20

### COMPRESSION TEST REPORT

Tested on:

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

Specimens received on:

24-11-20

27-11-20 in dry/wet condition

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Dr. M. Yousaf

				<b>D</b>	0.					
Sr. No.		Casting Date*		Size	Weight	Area of	Ultimate	Ultimate		
	Mark*	M	/et W	/eight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
		(gms)					(Sq. in)	(Tons/lbs)	(Psi)	
1	Basement Slab	14	11	2020	6x6x6	8.8	36	39	2430	Engraved
2	Basement Slab	14	11	2020	6x6x6	8.4	36	36	2240	Engraved
3	Basement Slab	14	11	2020	6x6x6	8.2	36	24	1500	Engraved
4	Basement Slab	14	11	2020	6x6x6	8.4	36	26	1620	Engraved
5										
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7										
8										
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10										
11										
12										
13										
14										
15										
16										

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supervisor(lab)



To: Sub Divisional Officer

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

University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

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Dr M Yousaf

**Buildings Sub Division No. 12, Lahore** Project: Construction of Hostels for Students Alongwith Inter Connecting Bridge of Fatima Jinah Medical University, Lahore (4th Floor Slab)

Our Ref. No. CL/CED/	1276	Dated:	30-11-20
Your Ref. No.	607/SDO12th	Dated:	21-11-20

### COMPRESSION TEST REPORT

Tested on:

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

Specimens received on:

25-11-20

27-11-20 in dry/wet condition

					•					
Sr. No.		Casting Date*		Size	Weight	Area of	Ultimate	Ultimate		
	Mark*	M	/et W	eight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gms)				(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:2:4)	22	10	2020	6x6x6	9	36	43	2680	Non Engraved
2	(1:2:4)	22	10	2020	6x6x6	8.2	36	33	2060	Non Engraved
3										
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14										
15										
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supervisor(lab)