



**Plain and Reinforced Concrete Laboratory**  
**Department of Civil Engineering**  
University of Engineering and Technology, Lahore  
Phone Nos. 042-99029202, 042-99029217

192

Dr. Mazhar Saleem

**To: Muhammad Saleem (GM)**  
**Professional Construction Services (Pvt.) Ltd. Lahore**  
**Project: Construction of Allied Bank Park View 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

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
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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\* 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" dia x 12" cylinder) strength at 28 days as compressive 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)

Director/Dy. Director Concrete Laboratory



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**Project: Construction of Allied Bank Park View Phase-8 DHA, Lahore**

Dr. Mazhar Saleem

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

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
1	Raft	4	11	2020	6Diax12	14.2	28.28	59	4680	Non Engraved
2	Raft	4	11	2020	6Diax12	14	28.28	65	5150	Non Engraved
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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 (lbs./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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Dr. M. Yousaf

To: **Hamid Zaheer**  
**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*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Wet Weight (gms)								
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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Dr. M. Yousaf

**To: Abdul Ali (Associate Manager C, R & M)**  
**Allied Bank Limited, Multan**  
**Project: Allied Bank Limited MDC Building, Multan**

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 (gms)	Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
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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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 AllAP, Lahore**

Our Ref. No. CL/CED/

1268

Dated:

30-11-20

Your Ref. No.

AllAP/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

Sr. No.	Mark*	Casting Date* /Wet Weight (gms)	Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
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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Dr. M. Yousaf

To: **Khalil Ahmad ( Project Manager)**  
**SA Gardens (Pvt.) Ltd. KSK**  
**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: 27-11-20 in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight (gms)	Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
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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# 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.Mazar

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

**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

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Wet Weight (gms)								
1	Footings of COLUMNS (1:2:4)	29	10	20	6Diax12	14	28.28	21	1670	Non Engraved
2	Footings of COLUMNS (1:2:4)	29	10	20	6Diax12	14	28.28	35	2780	Non Engraved
3	Footings of COLUMNS (1:2:4)	29	10	20	6Diax12	14	28.28	55	4360	Non Engraved
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Dr. M. Yousaf

**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

Sr. No.	Mark*	Casting Date* /Wet Weight (gms)	Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
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	S2		9.0x4.3x2.9	3397	38.7	38	2200	
6	S2		8.7x4.3x2.8	3336	37.41	53	3180	
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To: **Ali Rehan Saleem (AD Works-III)**

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 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

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
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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To: **Muhammad Essa (Chief Financial Officer)**

Dr. Mazhar Saleem

**Markhor Developers (Pvt.) Ltd. Lahore**

**Project: Construction of 75-Shadman-I, Lahore, (Third Floor), Strong Ready Mix**

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 Tested on: 26-11-20 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
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
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174

Dr. Umbreen

To: Major Retd. Muhammad Aslam (Resident Engineer, Penta Square)

Al-Imam Enterprises (Pvt.) Ltd.

Project: Construction of Penta Square, Phase-V, D.H.A, Lahore (Energy Center Package-XII)

Our Ref. No. CL/CED/

1274

Dated:

30-11-20

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

Tested on:

24-11-20

in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight (gms)	Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
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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12								
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14								
15								
16								

Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\\_reports&id=6](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" dia x 12" cylinder) strength at 28 days as compressive 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)

Director/Dy. Director Concrete Laboratory



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

Dr. M. Yousaf

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

## COMPRESSION TEST REPORT

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

Specimens received on: 24-11-20 Tested on: 27-11-20 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
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										
6										
7										
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\\_reports&id=6](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" dia x 12" cylinder) strength at 28 days as compressive 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)

Director/Dy. Director Concrete Laboratory



**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

To: **Sub Divisional Officer**

**Buildings Sub Division No. 12, Lahore**

**Project: Construction of Hostels for Students Alongwith Inter Connecting Bridge of Fatima Jinh 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

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

Specimens received on: 25-11-20 Tested on: 27-11-20 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
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
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing_reports&id=6)

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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)**

**Director/Dy. Director Concrete Laboratory**