



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

10296  
Engr. Ubaid

**To: Umair Maqsood (Sub Divisional Officer)**  
**Buildings Sub Division, Assembly, Lahore**  
**Project: Construction of MPA Hostel Phase-II Lahore (Group No. 1)**

Our Ref. No. CL/CED/ 415 Dated: 15-07-20  
Your Ref. No. 2593 Dated: 06-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 13-07-20 Tested on: 14-07-20 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	Piles ( 1 : 1.5 : 3 )	6	6	2020	6x6x6	9	36	94	5850	Engraved
2	Piles ( 1 : 1.5 : 3 )	6	6	2020	6x6x6	9	36	96	5980	Engraved
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departement?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departement?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**



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Engr. Ubaid

**To: Umair Maqsood (Sub Divisional Officer)**  
**Buildings Sub Division, Assembly, Lahore**  
**Project: Construction of MPA Hostel Phase-II Lahore (Group No. 1)**

Our Ref. No. CL/CED/ 416 Dated: 15-07-20

Your Ref. No. 2595 Dated: 06-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 13-07-20 Tested on: 14-07-20 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	Piles ( 1 : 1.5 : 3 )	16	6	2020	6x6x6	8.8	36	65	4050	Engraved
2	Piles ( 1 : 1.5 : 3 )	16	6	2020	6x6x6	9	36	65	4050	Engraved
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10296  
Engr. Ubaid

**To: Umair Maqsood (Sub Divisional Officer)**  
**Buildings Sub Division, Assembly, Lahore**  
**Project: Construction of MPA Hostel Phase-II Lahore (Group No. 1)**

Our Ref. No. CL/CED/ 417 Dated: 15-07-20  
Your Ref. No. 2597 Dated: 06-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 13-07-20 Tested on: 14-07-20 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	Piles ( 1 : 1.5 : 3 )	18	6	2020	6x6x6	9	36	69	4300	Engraved
2	Piles ( 1 : 1.5 : 3 )	18	6	2020	6x6x6	8.8	36	60	3740	Engraved
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10307

Dr. Umbreen

**To: Mr. Arsalan Haider (Chief Engineer)**  
**Mukhtar Sons Construction (Pvt.) Ltd.**  
**Project: T-Square Apartment, Gulberg III, Lahore (4500 Psi)**

Our Ref. No. CL/CED/ 418 Dated: 15-07-20

Your Ref. No. Nil Dated: 15-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 15-07-20 Tested on: 15-07-20 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	U.G.W. Tank Raft	8	7	2020	6Diax12	14	28.28	55	4360	Non Engraved
2	U.G.W. Tank Raft	8	7	2020	6Diax12	14	28.28	55	4360	Non Engraved
3	U.G.W. Tank Raft	8	7	2020	6Diax12	14	28.28	55	4360	Non Engraved
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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

10305

Dr. Umbreen

To: Rashid Kamran (Resident Engineer)

CM Div., Nespak (Pvt.) Ltd. Lahore

Project: (PP-159) Rehabilitation Works Under Sustainable Development Goals Achievement Programme (SAP), Janjua Market to Govt Primary School Saint Peter Chowk & Sandhu Chowk Main Naseerabad/ Mustafabad, Lhr

Our Ref. No. CL/CED/

419

Dated:

15-07-20

Your Ref. No.

4047-R/13/RK/07/RT/387

Dated:

13-07-20

## COMPRESSION TEST REPORT

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

Specimens received on:

14-07-20

Tested on:

15-07-20

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		16	6	2020	6x6x6	8	36	35	2180	Non Engraved
2		16	6	2020	6x6x6	8	36	33	2060	Non Engraved
3		16	6	2020	6x6x6	8	36	31	1930	Non Engraved
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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

10305

Dr. Umbreen

To: Rashid Kamran (Resident Engineer)

CM Div., Nespak (Pvt.) Ltd. Lahore

Project: (PP-173) Rehabilitation Works Under Sustainable Development Goals Achievement Programme (SAP), Improvement & Carpeting of Roads and PCC in PP-173, Lahore

Our Ref. No. CL/CED/

420

Dated:

15-07-20

Your Ref. No.

4047-

R/13/RK/07/RT/382

Dated:

09-07-20

## COMPRESSION TEST REPORT

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

Specimens received on:

14-07-20

Tested on:

15-07-20

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		10	6	2020	6x6x6	8	36	39	2430	Non Engraved
2		10	6	2020	6x6x6	8	36	49	3050	Non Engraved
3		10	6	2020	6x6x6	8	36	41	2560	Non Engraved
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10285

Dr. Umbreen

**To: Khalid Bashir**  
**Ittefaq Building Solution (Pvt.) Ltd. Lahore**  
**Project: Diamond House, DHA Phase 5, Lahore**

Our Ref. No. CL/CED/ 421 Dated: 15-07-20

Your Ref. No. IBS/DH/CB01 Dated: 08-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 09-07-20 Tested on: 15-07-20 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		20	6	2020	6Diax12	13	28.28	45	3570	Non Engraved
2		20	6	2020	6Diax12	12.8	28.28	47	3730	Non Engraved
3		20	6	2020	6Diax12	12.6	28.28	45	3570	Non Engraved
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10270

To: **Brig. Saeed Ahmed Malik (SI M) (R), (Resident Engineer)**

Dr. Mazhar Saleem

H&TE Div., Nespak (Pvt.) Ltd. Lahore

Project: (LDA Developments), Rehabilitation of Streets Infrastructure Through Provision of PCC and Gully Grating in Block A, B, D, & D2 Youhanabad Lahore (Package-I)

Our Ref. No. CL/CED/

422

Dated:

15-07-20

Your Ref. No.

4084/103/BSAM/104/45

Dated:

02-07-20

## COMPRESSION TEST REPORT

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

Specimens received on:

07-07-20

Tested on:

13-07-20

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	PA		8.7x4.3x3.0	3380	37.41	57	3420	
2	PA		8.8x4.2x2.9	3435	36.96	67	4070	
3	PA		8.7x4.2x2.8	3510	36.54	61	3740	
4	PA		8.8x4.2x2.8	3385	39.96	47	2640	
5	PA		8.8x4.3x2.9	3301	37.84	61	3620	
6	PA		8.7x4.2x3.0	3370	36.54	59	3620	
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# Plain and Reinforced Concrete Laboratory

## Department of Civil Engineering

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Phone Nos. 042-99029202, 042-99029217

10244

Dr. Umbreen

To: **Nasir Mahmood Khan (Partner)**

**N.A. Associates, Lahore**

**Project: Construction of Commercial Building at Plot N.44-D-1, Gulberg-III, Lahore**

Our Ref. No. CL/CED/

423

Dated:

15-07-20

Your Ref. No.

NAA/Bill/44-D-I/27

Dated:

01-07-20

## COMPRESSION TEST REPORT

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

Specimens received on:

01-07-20

Tested on:

15-07-20

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	Concrete Bricks		9.0x4.2x3.1	3980	37.8	27	1600	
2	Concrete Bricks		9.0x4.2x3.1	4002	37.8	29	1720	
3	Concrete Bricks		8.9x4.2x3.1	3970	37.38	29	1740	
4	Concrete Bricks		9.0x4.2x3.1	3979	37.8	33	1960	
5	Concrete Bricks		9.0x4.3x3.2	3998	38.7	35	2030	
6	Concrete Bricks		9.0x4.3x3.1	3996	38.7	33	1910	
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10236

Dr. Mazhar Saleem

**To: Deputy Director (Tech)**  
**Anti-Corruption Establishment, Bahawalpur Region, Bahawalpur**  
**Project: Regular Enquiry No. 393/18**

Our Ref. No. CL/CED/ 424 Dated: 15-07-20

Your Ref. No. ACE-BR(DDT)20/427 Dated: 18-06-20

## COMPRESSION TEST REPORT

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

Specimens received on: 29-06-20 Tested on: 13-07-20 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	Machine Made (Double Line)		8.9x4.2x2.7	2588	37.38	33	1980	Used Bricks
2	Machine Made (Double Line)		8.9x4.2x2.8	2556	37.38	49	2940	Used Bricks
3	Machine Made (Double Line)		9.0x4.2x2.7	2694	37.8	53	3150	Used Bricks
4	Machine Made (Double Line)		8.8x4.2x2.8	2584	36.96	45	2730	Used Bricks
5	Machine Made (Double Line)		8.7x4.2x2.7	2580	36.54	57	3500	Used Bricks
6	Machine Made (Double Line)		8.7x4.2x2.8	2747	36.54	63	3870	Used Bricks
7	Machine Made (Double Line)		8.8x4.2x2.8	2535	36.96	51	3100	Used Bricks
8	Machine Made (Double Line)		8.7x4.3x2.7	2612	37.41	51	3060	Used Bricks
9	Machine Made (Double Line)		8.7x4.3x2.8	2524	37.41	47	2820	Used Bricks
10	Machine Made (Double Line)		8.6x4.2x2.7	2618	36.12	49	3040	Used Bricks
11	Machine Made (Double Line)		8.8x4.2x2.8	2719	36.96	49	2970	Used Bricks
12	Machine Made (Double Line)		8.9x4.2x2.8	2561	37.38	39	2340	Used Bricks
13								
14								
15								
16								

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