



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

10360

Dr. Mazhar Saleem

**To: Engr. Shoaibullah**  
**Al-Hamd General Engineering Services, Lahore**  
**Project: Whole Food Layyah**

Our Ref. No. CL/CED/ 500 Dated: 29-07-20

Your Ref. No. Nil Dated: 24-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 24-07-20 Tested on: 28-07-20 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		14	12	2019	6Diax12	13.4	28.28	53	4200	Non Engraved
2		20	12	2019	6Diax12	13.2	28.28	59	4680	Non Engraved
3		27	12	2019	6Diax12	13.2	28.28	73	5790	Non Engraved
4		30	12	2019	6Diax12	13	28.28	71	5630	Non Engraved
5		3	1	2020	6Diax12	13	28.28	53	4200	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](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 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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10343

Dr. Umbreen

To: **Hamza Residencia**  
**Lahore**

**Project: Hamza Residencia Lahore**

Our Ref. No. CL/CED/ 489-2 of 2 Dated: 29-07-20

Your Ref. No. HR/CT/38 Dated: 21-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 21-07-20 Tested on: 29-07-20 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	Third Floor (Part 3)	14	7	2020	6Diax12	13.6	28.28	27	2140	Non Engraved
2	Third Floor (Part 3)	14	7	2020	6Diax12	13.4	28.28	29	2300	Non Engraved
3	Third Floor (Part 3)	14	7	2020	6Diax12	14	28.28	33	2620	Non Engraved
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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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10358

To: **Municipal Officer (Infrastructure)**  
**Municipal Committee, Vehari**

Dr.Mazhar Saleem

**Project: Rehabilitation of Municipal Services Infrastructure City Vehari (Group A Rehabilitation Work)**

Our Ref. No. CL/CED/ 501 Dated: 29-07-20

Your Ref. No. 43/MO(I)MC(VR) Dated: 09-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 24-07-20 Tested on: 28-07-20 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)		8.6x4.1x2.6	2752	35.26	63	4010	
2	Machine Made (Double Line)		8.6x4.2x2.7	2891	36.12	49	3040	
3	Machine Made (Double Line)		8.7x4.2x2.6	2935	36.54	51	3130	
4	Machine Made (Double Line)		8.6x4.2x2.7	2725	36.12	53	3290	
5	Machine Made (Double Line)		8.6x4.2x2.7	2662	36.12	43	2670	
6	Machine Made (Double Line)		8.7x4.2x2.6	2832	36.54	51	3130	
7	Machine Made (Double Line)		8.7x4.2x2.7	2606	36.54	51	3130	
8	Machine Made (Double Line)		8.6x4.2x2.6	2805	36.12	51	3170	
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10321

Dr. Umbreen

To: **Executive Engineer (B&W)**

**University of Veterinary & Animal Sciences, Lahore**

**Project: Construction of Boundary Wall / Gate Office 1 & 2 and Watch Tower at CVAS, Narowal**

Our Ref. No. CL/CED/ 502 Dated: 29-07-20

Your Ref. No. E.E/534 Dated: 15-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 17-07-20 Tested on: 29-07-20 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)		8.9x4.4x2.8	3002	39.16	73	4180	
2	Machine Made (Double Line)		8.8x4.4x2.9	2948	38.72	83	4810	
3	Machine Made (Double Line)		8.9x4.3x2.8	3010	38.27	63	3690	
4	Machine Made (Double Line)		8.9x4.4x2.9	2939	39.16	75	4290	
5	ASK		8.8x4.4x2.8	2634	38.72	43	2490	
6	ASK		8.9x4.3x2.9	2803	38.27	43	2520	
7	ASK		8.8x4.4x2.8	2788	38.72	31	1800	
8	ASK		8.9x4.3x2.9	2802	38.27	33	1940	
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10349

Dr. Umbreen

**To: M. Ayaz Siddique (Assistant Director Engg.)**  
**Walled City of Lahore Authority, Govt of Punjab**  
**Project: Conservation of Mir Chakar-e-Azam Tomb**

Our Ref. No. CL/CED/ 503 Dated: 29-07-20

Your Ref. No. Cons/Wing/A.D.(Engg.)/WLCA/2020 Dated: 21-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 23-07-20 Tested on: 29-07-20 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	S				8.7x4.3x2.8	3091	37.41	51	3060	
2	S				8.7x4.2x2.8	3007	36.54	63	3870	
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10355

Dr. Umbreen

To: **Executive Engineer (B&W)**

**University of Veterinary & Animal Sciences, Lahore**

**Project: Construction of Training / Research Dairy Unit, Training / Research Poultry Unit, Post Mortem Building, Surgery Unit, Theriogenology Unit, Medicine Unit at CVAS, Narowal**

Our Ref. No. CL/CED/

504

Dated:

29-07-20

Your Ref. No.

E.E/539

Dated:

23-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 24-07-20    Tested on: 29-07-20    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	MPA		9.0x4.4x3.0	3205	39.6	57	3230	
2	MPA		8.9x4.4x3.0	3362	39.16	45	2580	
3	MPA		8.8x4.2x2.9	3324	36.96	39	2370	
4	MPA		9.0x4.4x3.0	3265	39.6	53	3000	
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