



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

10504

Dr. Mazhar Saleem

To: **Assistant Executive Engineer**

**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/

791

Dated:

14-09-20

Your Ref. No.

AEE/NC/011

Dated:

26-08-20

## COMPRESSION TEST REPORT

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

Specimens received on:

01-09-20

Tested on:

07-09-20

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	H		8.8x4.2x2.8	3195	36.96	43	2610	
2	H		8.9x4.3x2.9	3409	38.27	43	2520	
3	H		8.9x4.3x2.8	3366	38.27	41	2400	
4	H		8.8x4.3x2.8	3471	37.84	29	1720	
5	4 1		8.7x4.2x3.0	3345	36.54	49	3010	
6	4 1		8.7x4.1x3.1	3518	35.67	39	2450	
7	4 1		8.9x4.3x3.0	3597	38.27	53	3110	
8	4 1		8.7x4.2x3.0	3418	36.54	33	2030	
9	6 1		8.7x4.2x3.0	3184	36.54	41	2520	
10	6 1		8.6x4.1x3.0	3065	35.26	41	2610	
11	6 1		8.6x4.1x3.1	3150	34.4	41	2670	
12	6 1		8.6x4.1x3.0	3104	35.26	47	2990	
13								
14								
15								
16								

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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10530

To: **Sub Divisional Officer**

Dr. M. Yousaf

**Buildings Sub Division No. 15, Lahore**

**Project: Construction of New Administration Block in The Premises of Lahore High Court**

Our Ref. No. CL/CED/ 792 Dated: 14-09-20

Your Ref. No. 921 Dated: 02-09-20

## COMPRESSION TEST REPORT

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

Specimens received on: 09-09-20 Tested on: 11-09-20 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	Columns in 5th Floor	5	8	2020	6x6x6	9.2	36	97	6040	Non Engraved
2	Columns in 5th Floor	5	8	2020	6x6x6	8.4	36	67	4170	Non Engraved
3	Columns in 5th Floor	5	8	2020	6x6x6	9.2	36	126	7840	Non Engraved
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10530

Dr. M. Yousaf

To: **Sub Divisional Officer**

**Buildings Sub Division No. 15, Lahore**

**Project: Construction of New Administration Block in The Premises of Lahore High Court**

Our Ref. No. CL/CED/ 793 Dated: 14-09-20

Your Ref. No. 948 Dated: 04-09-20

## COMPRESSION TEST REPORT

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

Specimens received on: 09-09-20 Tested on: 11-09-20 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	Lift Well in 5th Floor	6	8	2020	6x6x6	9	36	110	6850	Non Engraved
2	Lift Well in 5th Floor	6	8	2020	6x6x6	8.4	36	72	4480	Non Engraved
3	Lift Well in 5th Floor	6	8	2020	6x6x6	9.2	36	96	5980	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

10544

Dr. M. Yousaf

To: Assistant Resident Engineer

ES Consultants (Pvt.) Ltd. Lahore

Project: Construction of Additional Class Rooms in Selected Schools of Punjab (Package-2), Govt Primary School Kot Sardar Muhammad Siddique, Distt. Kasur Tehsil KRK

Our Ref. No. CL/CED/ 794 Dated: 14-09-20

Your Ref. No. ESC/PMIU/P2/0093 Dated: 10-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 11-09-20 Tested on: 11-09-20 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	EMIS-35140292	10	7	2020	6x6x6	8.6	36	102	6350	Non Engraved
2	EMIS-35140292	10	7	2020	6x6x6	8.6	36	81	5040	Non Engraved
3	EMIS-35140292	10	7	2020	6x6x6	8.4	36	17	1060	Non Engraved
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10544

Dr. M. Yousaf

To: **Assistant Resident Engineer**

**ES Consultants (Pvt.) Ltd. Lahore**

**Project: Construction of Additional Class Rooms in Selected Schools of Punjab (Package-2), Govt Girls Primary School Basti Arrain, District Kasur, Tehsil KRK**

Our Ref. No. CL/CED/ 795 Dated: 14-09-20

Your Ref. No. ESC/PMIU/P2/0092 Dated: 03-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 11-09-20 Tested on: 11-09-20 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	EMIS-35140630	3	7	2020	6x6x6	8	36	92	5730	Non Engraved
2	EMIS-35140630	3	7	2020	6x6x6	8.8	36	79	4920	Non Engraved
3	EMIS-35140630	3	7	2020	6x6x6	8.6	36	73	4550	Non Engraved
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