



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

9147

Dr. Umbreen

To: **Saqib Khurshid (Marketing Manager)**  
**Sheikh of Sialkot (Pvt.) Ltd., Sialkot**

**Project: Construction of Concrete tank for Water Treatment Plant at Sheikh of Sialkot (Pvt.) Ltd.**

Our Ref. No. CL/CED/ 8912 Dated: 20-09-19

Your Ref. No. Nil Dated: 16-09-19

## COMPRESSION TEST REPORT

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

Specimens received on: 03-09-19 Tested on: 20-09-19 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	3 0 / 8	30	8	2019	6Diax12	14	28.28	75	5850	Engraved
2	3 0 / 8	30	8	2019	6Diax12	14	28.28	54	4210	Engraved
3	3 0 / 8	30	8	2019	6Diax12	14	28.28	63	4910	Engraved
4	3 1 / 8	31	8	2019	6Diax12	13.8	28.28	50	3900	Engraved
5	3 1 / 8	31	8	2019	6Diax12	13.8	28.28	42	3280	Engraved
6	3 1 / 8	31	8	2019	6Diax12	14	28.28	59	4600	Engraved
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departament?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departament?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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9085

Dr. Umbreen

To: **Muhammad Awais Majeed (Project Engineer)**

**Defence Housing Authority Main Office Complex, 'A' Block Phase-IV Lahore Cantt.**

**Project: (Penta Square) Retrofitting of Shoring Piles and Allied Works at Lahore City Center Phase-V, DHA Lahore**

Our Ref. No. CL/CED/

8913

Dated:

20-09-19

Your Ref. No.

581/Retrofitting/LahoreCityCenter

Dated:

21-08-19

## COMPRESSION TEST REPORT

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

Specimens received on:

22-08-19

Tested on:

20-09-19

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	D G				8.7x4.3x2.9	3312	37.41	55	3300	
2	D G				8.8x4.3x2.9	3223	37.84	63	3730	
3	D G				8.9x4.3x2.7	3480	38.27	53	3110	
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**supervisor(lab)**

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9111

Dr. Umbreen

To: Zia-Ul-Islam Khan Suri (Asstt: Executive Engineer-IV)

Central Civil Division No.II, Pak P.W.D., Lahore

Project: Construction of Additional Floor on Existing Transit Accommodation (Inland Revenue) Stuluj Block Allama Iqbal Town, Lahore

Our Ref. No. CL/CED/ 8914 Dated: 20-09-19

Your Ref. No. AEE-IV/LCCD-II/22 Dated: 20-06-19

## COMPRESSION TEST REPORT

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

Specimens received on: 27-08-19 Tested on: 20-09-19 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	D S P		8.9x4.4x2.9	3430	39.16	37	2120	
2	D S P		8.8x4.4x2.9	3413	38.72	33	1910	
3	D S P		8.9x4.4x2.8	3421	39.16	61	3490	
4	D S P		8.9x4.4x2.9	3424	39.16	55	3150	
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9097  
Dr. Umbreen

To: **Shahzad Munir (Resident Engineer)**

**G3 Engineering Consultants (Pvt.) Ltd. Lahore**

**Project: Construction of the Cantonment Board Medical College Near Old CGH Sarfraz Rafiqui Road, Lahore**

Our Ref. No. CL/CED/ 8915 Dated: 20-09-19

Your Ref. No. G3/224/RE-43 Dated: 06-08-19

## COMPRESSION TEST REPORT

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

Specimens received on: 26-08-19 Tested on: 20-09-19 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	R B		9.0x4.4x3.0	3314	39.6	73	4130	
2	R B		9.0x4.5x3.0	3410	40.5	45	2490	
3	R B		9.0x4.4x3.0	3250	39.6	61	3460	
4	R N L		8.8x4.4x2.9	3288	38.74	43	2490	
5	R N L		8.8x4.4x2.9	3354	38.74	49	2840	
6	R N L		8.9x4.4x2.9	3312	38.74	49	2840	
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