



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

8519  
Dr. Umbreen

**To: Ibrahim Concrete**  
**18-F-3, Model Town, Lahore.**  
**Project: FF Category Tuff Pavers.**

Our Ref. No. CL/CED/ 7996 Dated: 06-05-19

Your Ref. No. Nil Dated: 24-04-19

## COMPRESSION TEST REPORT

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

Specimens received on: 24-04-19 Tested on: 03-05-19 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	Rectangular Grey		7.8x3.9x2.3	2739	30.42	104	7660	
2	Rectangular Grey		7.8x3.9x2.3	2779	30.42	98	7220	
3	Rectangular Grey		7.8x3.9x2.3	2794	30.42	114	8400	
4	Rectangular Grey		7.8x3.9x2.3	2687	30.42	108	7960	
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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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8509

Dr. Umbreen

To: **M. Rizwan Shoukat, Project Incharge**  
**GINUM Gujranwala. Pakistan Atomic Energy Commission.**  
**Project: Mumty+Water Tank Wall.**

Our Ref. No. CL/CED/ 7997 Dated: 06-05-19

Your Ref. No. Nil Dated: 22-04-19

## COMPRESSION TEST REPORT

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

Specimens received on: 23-04-19 Tested on: 03-05-19 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		26	3	2019	6x6x6	8.2	36	108	6720	Non Engraved
2		26	3	2019	6x6x6	8.1	36	104	6480	Non Engraved
3		26	3	2019	6x6x6	8.4	36	97	6040	Non Engraved
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8515  
Dr. Umbreen

To: **Sherwani Enterprises.**  
**153-E, PCSIR Staff Society, College Road, Lahore.**  
**Project: Footing and Retaining Wall of Water Tank.**

Our Ref. No. CL/CED/ 7998 Dated: 06-05-19  
Your Ref. No. Nil Dated: 23-04-19

## COMPRESSION TEST REPORT

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

Specimens received on: 23-04-19 Tested on: 03-05-19 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		21	3	2019	6x6x6	8	36	43	2680	Engraved
2		21	3	2019	6x6x6	8	36	43	2680	Engraved
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8523

Engr. A. Rehman

To: **Ansar Abbas, Project Incharge.**  
**SmarTek, Jinnah Avenue, Blue Area, Islamabad.**  
**Project: Construction of Cheena Arla School, Kasur, Punjab.**

Our Ref. No. CL/CED/ 7999 Dated: 06-05-19

Your Ref. No. 11 Dated: 24-04-19

## COMPRESSION TEST REPORT

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

Specimens received on: 24-04-19 Tested on: 29-04-19 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		4	4	2019	6Diax12	14	28.28	71	5630	Engraved
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8526

Dr. Umbreen

To: **Sub Divisional Officer**

**Buildings Sub Division CM Sectt, Lahore.**

**Project: Provision of Security Arrangements in CM Office at 7-Club Road and 90-SQA, Lahore.**

Our Ref. No. CL/CED/

8000

Dated:

06-05-19

Your Ref. No.

SDO/CMS/802

Dated:

19-04-19

## COMPRESSION TEST REPORT

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

Specimens received on:

24-04-19

Tested on:

03-05-19

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	Column/Beam	22	3	2019	6x6x6	8.2	36	69	4300	Non Engraved
2	Column/Beam	22	3	2019	6x6x6	8.4	36	77	4800	Non Engraved
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8528

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

Engr. A. Rehman

**UVAS, Lahore. (M/S Al-Rafay Builders & Suppliers)**

**Project: Construction of Residences for (Grade 1-10) at Ahata Quarters, City Campus, UVAS, Lahore.**

Our Ref. No. CL/CED/ 8001 Dated: 06-05-19

Your Ref. No. E.E/403 Dated: 17-04-19

## COMPRESSION TEST REPORT

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Specimens received on: 24-04-19 Tested on: 03-05-19 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		20	3	2019	6x6x6	8	36	35	2180	Engraved
2		20	3	2019	6x6x6	8.2	36	39	2430	Engraved
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8532  
Dr. Umbreen

To: **Muhammad Aftab, Asstt. to General Manager**  
**Banu Mukhtar Contracting Pvt. Ltd.**  
**Project: "INTERLOOP GREEN DENIM"**

Our Ref. No. CL/CED/ 8002 Dated: 06-05-19  
Your Ref. No. BMC/INTERLOOP/006 Dated: 25-04-19

## COMPRESSION TEST REPORT

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

Specimens received on: 25-04-19 Tested on: 03-05-19 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	Roof Slab	25	3	2019	6x6x6	9	36	65	4050	Non Engraved
2	Roof Slab	25	3	2019	6x6x6	8.8	36	77	4800	Non Engraved
3	Roof Slab	25	3	2019	6x6x6	8.8	36	79	4920	Non Engraved
4	Roof Slab	25	3	2019	6x6x6	8.2	36	98	6100	Non Engraved
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# Plain and Reinforced Concrete Laboratory

## Department of Civil Engineering

University of Engineering and Technology, Lahore

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8583

To: **Mr. Ilyas Khan, QC Engineer**  
**Ravi Green Engineering Pvt. Ltd.**  
**Project: P-639, MOGAS Tank # 14**

Engr. A. Rehman

Our Ref. No. CL/CED/ 8003 Dated: 06-05-19

Your Ref. No. RG/CT/UET/2633 Dated: 06-05-19

## COMPRESSION TEST REPORT

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

Specimens received on: 06-05-19 Tested on: 06-05-19 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	Ring Wall	29	4	2019	6Diax12	14.4	28.28	56	4440	Non Engraved
2	Ring Wall	29	4	2019	6Diax12	14	28.28	50	3970	Non Engraved
3	Ring Wall	29	4	2019	6Diax12	14.4	28.28	52	4120	Non Engraved
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