



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

9247  
Engr. Ubaid

**To: Chief Officer**  
**Municipal Committee, Bhalwal.**  
**Project: Construction of 5 Km Road on Both Sides of Canal Bhalwal District Sargodha.**

Our Ref. No. CL/CED/ 9000- 2 of 2 Dated: 11-10-19  
Your Ref. No. 949/MC/BHL Dated: 23-09-19

## COMPRESSION TEST REPORT

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

Specimens received on: 30-09-19 Tested on: 11-10-19 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	Kerb Stone		5.5x5.5x5.7	7.2	30.25	40	2970	
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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" 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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9320

Engr. Ubaid

**To: Mr. Ayaz Mahmood Butt**  
**Post Office Batapur Lahore Cantt.**  
**Project: Nil**

Our Ref. No. CL/CED/ 9034 Dated: 11-10-19  
Your Ref. No. Nil Dated: 10-10-19

## COMPRESSION TEST REPORT

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

Specimens received on: 10-10-19 Tested on: 11-10-19 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	Clade Stone Grey		4x4x0.8	544	16	34.3	4730	
2	Clade Stone Grey		4x4x0.8	510	16	32.6	4500	
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9248

Engr. A. Rehman

**To: Assistant Director (Technical)**  
**Anti-Corruption Establishment Sahiwal Region, Sahiwal.**  
**Project: Enquiry No. 366/2017, Medical College Sahiwal**

Our Ref. No. CL/CED/ 9035-1 of 2 Dated: 11-10-19

Your Ref. No. DDT-328 Dated: 28-09-19

## COMPRESSION TEST REPORT

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

Specimens received on: 30-09-19 Tested on: 10-10-19 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	9000		8.9x4.5x2.8	3082	40.05	47	2630	Used Bricks
2	9000		8.9x4.5x2.8	3158	40.05	61	3420	Used Bricks
3	9000		9.0x4.4x2.8	3349	39.6	41	2320	Used Bricks
4	9000		9.0x4.5x2.8	3019	40.5	62	3430	Used Bricks
5	9000		9.0x4.4x2.8	3175	39.6	55	3120	Used Bricks
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9248

**To: Assistant Director (Technical)**  
**Anti-Corruption Establishment Sahiwal Region, Sahiwal.**  
**Project: Enquiry No. 366/2017, Medical College Sahiwal**

Engr. A. Rehman

Our Ref. No. CL/CED/ 9035-2 of 2 Dated: 11-10-19

Your Ref. No. DDT-328 Dated: 28-09-19

## COMPRESSION TEST REPORT

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

Specimens received on: 30-09-19 Tested on: 10-10-19 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	2769	30.42	104	7660	
2	Rectangular Grey		7.8x3.9x2.3	2612	30.42	83	6120	
3	Rectangular Grey		7.8x3.9x2.3	2625	30.42	86	6340	
4	Rectangular Grey		7.8x3.9x2.3	2814	30.42	110	8100	
5	Rectangular Grey		7.8x3.9x2.3	2643	30.42	90	6630	
6	Rectangular Grey		7.8x3.9x2.3	2592	30.42	94	6930	
7	Rectangular Grey		7.8x3.9x2.3	2597	30.42	84	6190	
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9269

To: **Imran Qamar, Architect / Sr. Manager Sales**  
**Banu Mukhtar Products (Pvt.) Ltd.**

Engr. A. Rehman

**Project: Kuchlak Bypass Additional Work under USAID for Kalat-Quetta-Chaman Section-N-25.**

Our Ref. No. CL/CED/ 9036 Dated: 11-10-19

Your Ref. No. BMP/SMS/UET/343 Dated: 01-10-19

## COMPRESSION TEST REPORT

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

Specimens received on: 02-10-19 Tested on: 03-10-19 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		7.7x3.8x3.0	3669	29.26	35	2680	
2	Rectangular Grey		7.7x3.8x3.0	3648	29.26	27	2070	
3	Rectangular Grey		7.7x3.9x2.3	2751	30.03	105	7840	
4	Rectangular Grey		7.7x3.9x2.3	2743	30.03	104	7760	
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9266

To: Engr. Tajammal Farooq, Resident Engineer

Engr. A. Rehman

AZ Engineering Associates Lahore. (M/s Yasin & Brothers).

Project: Rehab. / Construction of Road from Manawala Railway Crossing to Gurdwara Tamboo Sahib along Railway Line, Length=1.78 Km in District Nankana Sahib (ADP Road).

Our Ref. No. CL/CED/ 9037 Dated: 11-10-19

Your Ref. No. RE/LHR-64 Dated: 17-09-19

## COMPRESSION TEST REPORT

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

Specimens received on: 01-10-19 Tested on: 10-10-19 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	H.B		8.6x4.5x2.8	3172	38.7	34	1970	
2	H.B		8.7x4.4x2.8	3191	38.28	55	3220	
3	H.B		8.8x4.5x2.9	2992	39.6	56	3170	
4	H.B		8.7x4.4x2.9	3151	38.28	50	2930	
5	H.B		8.8x4.4x2.9	3017	38.72	45	2610	
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