



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

9582  
Dr. Aqsa

To: **Sub Divisional Officer**

**Public Health Engg: Sub Division, Kamalia.**

**Project: Exten Rural Water Supply Scheme Chak No 662/3-GB, District TT Singh. (O.H.R 20000 Gins).**

Our Ref. No. CL/CED/ 9432 Dated: 09-12-19

Your Ref. No. 209/K Dated: 28-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 03-12-19 Tested on: 03-12-19 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	Base Slab (1: 1.5 : 3)	25	10	2019	6x6x6	8.6	36	85	5290	Non Engraved
2	Base Slab (1: 1.5 : 3)	25	10	2019	6x6x6	8.6	36	74	4610	Non Engraved
3										
4										
5										
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14										
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16										

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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9582  
Dr. Aqsa

To: **Sub Divisional Officer**

**Public Health Engg: Sub Division, Kamalia.**

**Project: Exten Rural Water Supply Scheme Chak No 662/3-GB, District TT Singh. (O.H.R 20000 Gins).**

Our Ref. No. CL/CED/ 9433 Dated: 09-12-19

Your Ref. No. 211/K Dated: 28-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 03-12-19 Tested on: 03-12-19 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	Top Slab	1	11	2019	6x6x6	8	36	48	2990	Non Engraved
2	Top Slab	1	11	2019	6x6x6	8.6	36	122	7600	Non Engraved
3										
4										
5										
6										
7										
8										
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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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9582

Dr. Aqsa

To: **Sub Divisional Officer**

**Public Health Engg: Sub Division, Kamalia.**

**Project: Exten Rural Water Supply Scheme Chak No 662/3-GB, District TT Singh. (O.H.R 20000 Gins).**

Our Ref. No. CL/CED/

9434

Dated:

09-12-19

Your Ref. No.

205/K

Dated:

13-11-19

## COMPRESSION TEST REPORT

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

Specimens received on:

03-12-19

Tested on:

03-12-19

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	Columns & Braces	15	10	2019	6x6x6	8.2	36	86	5360	Non Engraved
2	Columns & Braces	15	10	2019	6x6x6	7.6	36	60	3740	Non Engraved
3										
4										
5										
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9583

Dr. Aqsa

To: **Sub Divisional Officer**

**Public Health Engg: Sub Division, Noshera Virkan.**

**Project: Drainage & PCC, Soling in U.Cs Nokher, Philloke, Udhowali, Saharan Chatha Tehsil Noshera Virkan District Gujranwala.**

Our Ref. No. CL/CED/ 9435 Dated: 09-12-19

Your Ref. No. 394/N Dated: 25-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 03-12-19 Tested on: 03-12-19 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
		28	10	2019						
1	PCC	28	10	2019	6x6x6	9	36	90	5600	Non Engraved
2										
3										
4										
5										
6										
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**supervisor(lab)**

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9592

Engr. Ubaid

To: **Assistant Executive Engineer**  
**Pakistan Railways Faisalabad.**

**Project: Improvement and Up-Gradation of Washing PIT No. 1 & 2 of Faisalabad Washing Line.**

Our Ref. No. CL/CED/ 9436 Dated: 09-12-19

Your Ref. No. Spl/4/2015 Dated: 11-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 04-12-19 Tested on: 05-12-19 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		8	10	2019	6x6x6	7.8	36	81	5040	Non Engraved
2		8	10	2019	6x6x6	8.6	36	81	5040	Non Engraved
3										
4										
5										
6										
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**supervisor(lab)**

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9602  
Dr. Umbreen

**To: (Engr. Faizan Hussain) Assistant Engineer**  
**B&W Department UET Lahore.**  
**Project: Construction Site of Girls Hostel in UET Lahore.**

Our Ref. No. CL/CED/ 9437 Dated: 09-12-19

Your Ref. No. B&W/AEN/1247 Dated: 02-12-19

## COMPRESSION TEST REPORT

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

Specimens received on: 05-12-19 Tested on: 06-12-19 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
		Month	Day	Year						
1	2nd Floor Slab	31	10	2019	6Diax12	13.6	28.28	69	5470	Non Engraved
2	2nd Floor Slab	31	10	2019	6Diax12	13.4	28.28	63	4990	Non Engraved
3										
4										
5										
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Phone Nos. 042-99029202, 042-99029217

9604

To: (Engr. Muhammad Abdullah) Assistant Engineer

Dr. M. Yousaf

B&W Department UET Lahore.

Project: Construction Site of Workshop and Design Center in UET Lahore.

Our Ref. No. CL/CED/ 9438 Dated: 09-12-19

Your Ref. No. B&W/AEN/1250 Dated: 05-12-19

## COMPRESSION TEST REPORT

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

Specimens received on: 05-12-19 Tested on: 05-12-19 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	7	11	2019	6Diax12	13.2	28.28	48	3810	Engraved
2	Roof Slab	7	11	2019	6Diax12	13.2	28.28	48	3810	Engraved
3										
4										
5										
6										
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