



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

9944

Dr. M. Yousaf

To: **Sub Divisional Officer.**

**Pandoki Sub Division Pandoki.**

**Project: " Concrete Lining of Buchar Kahna Disty RD:66+500 to 116+000 (Package-A)".**

Our Ref. No. CL/CED/ 9868 Dated: 14-02-20

Your Ref. No. 105/PDK/BCK/Camp Dated: 12-02-20

## COMPRESSION TEST REPORT

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

Specimens received on: 13-02-20 Tested on: 13-02-20 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	RD:110+500 to RD:111+000	25	1	2020	6x6x6	8.2	36	58	3610	Non Engraved
2	RD:110+500 to RD:111+000	25	1	2020	6x6x6	8.4	36	42	2620	Non Engraved
3	RD:111+000 to RD:112+000	28	1	2020	6x6x6	8.2	36	29	1810	Non Engraved
4	RD:111+000 to RD:112+000	28	1	2020	6x6x6	8.2	36	30	1870	Non Engraved
5	RD:112+000 to RD:113+500	3	2	2020	6x6x6	8.2	36	47	2930	Non Engraved
6	RD:112+000 to RD:113+500	3	2	2020	6x6x6	8.6	36	40	2490	Non Engraved
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8										
9										
10										
11										
12										
13										
14										
15										
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**



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

9935

Dr. M. Yousaf

**To: M. Sohail Anjum (Project Manager).**  
**P-156 Gulberg-II, Lahore.**  
**Project: Construction of P-156 Gulberg-II, Lahore.**

Our Ref. No. CL/CED/ 9869 Dated: 14-02-20

Your Ref. No. P-156-078 Dated: 11-02-20

## COMPRESSION TEST REPORT

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

Specimens received on: 11-02-20 Tested on: 13-02-20 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	251 (4500 Psi)	12	1	2020	6Diax12	14	28.28	42	3330	Non Engraved
2	252 (4500 Psi)	12	1	2020	6Diax12	14.2	28.28	70	5550	Non Engraved
3	293 (4500 Psi)	12	1	2020	6Diax12	13.4	28.28	63	4990	Non Engraved
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5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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Phone Nos. 042-99029202, 042-99029217

9938

Dr. M. Yousaf

**To: M. Sohail Anjum (Project Manager).**  
**P-156 Gulberg-II, Lahore.**  
**Project: Construction of P-156 Gulberg-II, Lahore.**

Our Ref. No. CL/CED/ 9870 Dated: 14-02-20

Your Ref. No. P-156-079 Dated: 12-02-20

## COMPRESSION TEST REPORT

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

Specimens received on: 12-02-20 Tested on: 13-02-20 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	257 (3000 Psi)	15	1	2020	6Diax12	14	28.28	35	2780	Non Engraved
2	258 (3000 Psi)	15	1	2020	6Diax12	13.2	28.28	47	3730	Non Engraved
3	259 (3000 Psi)	15	1	2020	6Diax12	13.2	28.28	69	5470	Non Engraved
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**Director/Dy. Director Concrete Laboratory**



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Phone Nos. 042-99029202, 042-99029217

9938

Dr. M. Yousaf

**To: M. Sohail Anjum (Project Manager).**  
**P-156 Gulberg-II, Lahore.**  
**Project: Construction of P-156 Gulberg-II, Lahore.**

Our Ref. No. CL/CED/ 9871 Dated: 14-02-20

Your Ref. No. P-156-067 Dated: 09-02-20

## COMPRESSION TEST REPORT

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

Specimens received on: 12-02-20 Tested on: 13-02-20 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
		1	1	2020						
1	206 (3750 Psi)	1	1	2020	6Diax12	14.1	28.28	68	5390	Non Engraved
2	207 (3750 Psi)	1	1	2020	6Diax12	14.2	28.28	53	4200	Non Engraved
3	208 (3750 Psi)	1	1	2020	6Diax12	14	28.28	46	3650	Non Engraved
4										
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