



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

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To: **Azhar Iqbal (Civil Engineer)**
N.A. Associates, Lahore
Project: Khairpur

Dr. Burhan Sharif

Our Ref. No. CL/CED/ 1183 Dated: 13-11-20

Your Ref. No. Nil Dated: 12-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 12-11-20 Tested on: 13-11-20 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	(1 : 1.5 : 3)-Local Sand	5	11	2020	6Diax12	13.2	28.28	19	1510	Engraved
2	(1 : 1.5 : 3)-Local Sand	5	11	2020	6Diax12	13	28.28	22	1750	Engraved
3	(1 : 1.5 : 3)-Local Sand	5	11	2020	6Diax12	13	28.28	21	1670	Engraved
4	(1 : 1.5 : 3)-Local Sand	5	11	2020	6Diax12	12.4	28.28	20	1590	Engraved
5	(1 : 1.5 : 3)-Local Sand	5	11	2020	6Diax12	12.4	28.28	19	1510	Engraved
6	(1 : 1.5 : 3)-Local Sand	5	11	2020	6Diax12	13	28.28	22	1750	Engraved
7										
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

* 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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123

To: **Azhar Iqbal (Civil Engineer)**
N.A. Associates,
Lahore
Project: Khairpur

Dr. Qasim Khan

Our Ref. No. CL/CED/ 1184 Dated: 13-11-20

Your Ref. No. Nil Dated: 12-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 12-11-20 Tested on: 13-11-20 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	(1 : 1.5 : 3)-Bolari Sand	6	11	2020	6Diax12	13.4	28.28	45	3570	Engraved
2	(1 : 1.5 : 3)-Bolari Sand	6	11	2020	6Diax12	13.4	28.28	45	3570	Engraved
3	(1 : 1.5 : 3)-Bolari Sand	6	11	2020	6Diax12	13.4	28.28	40	3170	Engraved
4	(1 : 1.5 : 3)-Bolari Sand	6	11	2020	6Diax12	13.2	28.28	43	3410	Engraved
5	(1 : 1.5 : 3)-Bolari Sand	6	11	2020	6Diax12	13	28.28	40	3170	Engraved
6	(1 : 1.5 : 3)-Bolari Sand	6	11	2020	6Diax12	13.4	28.28	47	3730	Engraved
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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