



**Plain and Reinforced Concrete Laboratory**  
**Department of Civil Engineering**  
University of Engineering and Technology, Lahore  
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1590

Dr. Mazar

To: **Asst: Executive Engineer-I**

**Central Civil Division No.1, Pak P.W.D., Lahore.**

**Project: Construction of Double Storey Ladies Hostel with Provision of 3rd Storey along with Mess, Recreation Hall and Allied Facilities at Allama Iqbal International Airport Lahore. (AHAP) (53 Ladies Staff)**

Our Ref. No. CL/CED/ 4391 Dated: 26-07-21

Your Ref. No. AEE-I/LCCD-I/53-ASF/196 Dated: 02-06-21

## COMPRESSION TEST REPORT

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

Specimens received on: 15-07-21 Tested on: 26-07-21 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		7.7x3.7x2.3	2710	28.49	91	7160	
2	Rectangular Grey		7.7x3.7x2.3	2690	28.49	98	7710	
3	Rectangular Grey		7.7x3.7x2.3	2705	28.49	95	7470	
4	Rectangular Red		7.7x3.7x2.3	2671	28.49	101	7950	
5	Rectangular Red		7.7x3.7x2.3	2697	28.49	93	7320	
6	Rectangular Red		7.7x3.7x2.3	2701	28.49	104	8180	
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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**