



**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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Dr. Burhan Shareef

To: **Mr. Khalid Bashir**  
**Ittefaq Building Solution(Pvt.)**  
**Project: Construction of McDonalds Resturant DHA- Rahber, Lahore.**

Our Ref. No. CL/CED/ 1808 Dated: 25-01-21

Your Ref. No. IBS/MCPV/CT14 Dated: 22-01-21

## COMPRESSION TEST REPORT

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

Specimens received on: 22-01-21 Tested on: 25-01-21 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		7.7x3.8x2.3	2754	29.26	81	6210	
2	Rectangular Grey		7.7x3.8x2.3	2648	29.26	81	6210	
3	Rectangular Red		7.7x3.8x2.3	2685	29.26	75	5750	
4	Rectangular Red		7.7x3.8x2.3	2705	29.26	108	8270	
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departement?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departement?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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Dr. Ambreen

**To: Engr. Muhammad Abdullah**  
**Executive Engineer B&W Department UET Lahore.**  
**Project: Construction of Workshop and Design Center UET Lahore.**

Our Ref. No. CL/CED/ 1809 Dated: 25-01-21

Your Ref. No. Nil Dated: 18-01-21

## COMPRESSION TEST REPORT

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

Specimens received on: 18-01-21 Tested on: 25-01-21 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	Roof Tile		9.1x4.4x1.5	1964	40.04			
2	Roof Tile		9.1x4.3x1.6	1882	39.13			
3	Roof Tile		9.2x4.4x1.6	1937	40.48			
4	Roof Tile		9.0x4.3x1.6	1838	38.7			
5	Roof Tile		9.1x4.3x1.6	1961	39.13			
6	Roof Tile		9.1x4.3x1.6	1989	39.13			
7	Roof Tile		9.0x4.3x1.5	1854	38.7			
8	Roof Tile		9.1x4.4x1.5	1844	40.04			
9	Roof Tile		9.1x4.4x1.6	1890	40.04			
10	Roof Tile		9.0x4.4x1.6	1893	39.6			
11	Roof Tile		9.0x4.4x1.6	1903	39.6			
12	Roof Tile		9.2x4.4x1.6	1952	40.48			
13								
14								
15								
16								

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