



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

9460

Dr. Aqsa

To: **Syed Nabeel Hassan (Resident Engineer)**

**CM div., Nespak (Pvt.) Ltd. Lahore (M/s. Shahbaz Developers Pvt. Ltd.)**

**Project: (a) Maintenance of Zafar Ali Road From Mall Road to Jail Road, Lahore (b) Rehab. & Improvement of Khayaban-e-Jamia Punjab Road From Y-Junction Barket Market to Bhekewal Morr Wahdat Road, Lahore**

Our Ref. No. CL/CED/ 9263 Dated: 15-11-19

Your Ref. No. 4047-R/13/SNH/07/SD/078-A Dated: 07-10-19

## COMPRESSION TEST REPORT

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

Specimens received on: 06-11-19 Tested on: 12-11-19 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	2720	29.26	110	8430	
2	Rectangular Grey		7.7x3.8x2.3	2620	29.26	110	8430	
3	Rectangular Grey		7.7x3.8x2.3	2631	29.26	101	7740	
4	Rectangular Red		7.7x3.8x2.3	2852	29.26	110	8430	
5	Rectangular Red		7.7x3.8x2.3	2758	29.26	88	6740	
6	Rectangular Red		7.7x3.8x2.3	2730	29.26	100	7660	
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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**



**Plain and Reinforced Concrete Laboratory**  
**Department of Civil Engineering**  
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To: **Syed Nabeel Hassan (Resident Engineer)**

Dr. Usman Akmal

CM div., Nespak (Pvt.) Ltd. Lahore (M/s. Shahbaz Developers Pvt. Ltd.)

Project: (a) Maintenance of Zafar Ali Road From Mall Road to Jail Road, Lahore (b) Rehab. & Improvement of Khayaban-e-Jamia Punjab Road From Y-Junction Barket Market to Bhekewal Morr Wahdat Road, Lahore

Our Ref. No. CL/CED/ 9264 Dated: 15-11-19

Your Ref. No. 4047-R/13/SNH/07/SD/078-B Dated: 07-10-19

## COMPRESSION TEST REPORT

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

Specimens received on: 06-11-19 Tested on: 07-11-19 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	Kerb Stone		6.0x5.5x5.7	7.6	33	102	6930	Cut Cube
2	Kerb Stone		5.9x5.9x5.5	7.2	34.81	65	4190	Cut Cube
3	Kerb Stone		5.9x5.9x5.5	7.8	34.81	122	7860	Cut Cube
4	Kerb Stone		5.9x5.9x5.6	7.6	34.81	86	5540	Cut Cube
5	Kerb Stone		6.0x5.9x5.7	7.8	35.4	53	3360	Cut Cube
6	Kerb Stone		5.9x5.9x5.7	7.8	34.81	126	8110	Cut Cube
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