



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

10515

To: **Furqan Ali Malik ( Chief Residential Engineer Package -1)**

Dr.Mazhar Saleem

**CM Div., NESPAK (Pvt.) Ltd. Lahore (M/s Shahbaz Developers Pvt. Ltd.)**

**Project: Construction of at Grade works along Lahore Orange Line Metro Train Corridor Package-1 (Section -III) from Bohar Wala Chowk to PIA Planetarium**

Our Ref. No. CL/CED/ 772 Dated: 08-09-20

Your Ref. No. 4042/13/FAM/Edge -Stone-166 Dated: 21-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 04-09-20 Tested on: 07-09-20 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	Edge Stone		12.0x8.0x6.0	23.4	96	174	4060	
2	Edge Stone		11.9x8.0x5.9	22	95.2	160	3770	
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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**



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10508

Dr. Mazhar Saleem

To: Major Retd. Muhammad Aslam (Resident Engineer Penta Square)

Al-Imam Enterprises (Pvt.) Ltd.

Project: Construction of Penta Square, Phase-V, D.H.A, Lahore (Block-A, Package-IV)

Our Ref. No. CL/CED/ 773 Dated: 08-09-20

Your Ref. No. Al-Imam/746/PS-1/DHA/LHE/1144 Dated: 31-08-20

## COMPRESSION TEST REPORT

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

Specimens received on: 02-09-20 Tested on: 07-09-20 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	2699	29.26	108	8270	
2	Rectangular Grey		7.7x3.8x2.3	2679	29.26	88	6740	
3	Rectangular Grey		7.7x3.8x2.3	2708	29.26	90	6890	
4	Rectangular Grey		7.7x3.8x2.3	2656	29.26	102	7810	
5	Rectangular Grey		7.7x3.8x2.3	2718	29.26	110	8430	
6	Rectangular Grey		7.7x3.8x2.3	2698	29.26	90	6890	
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