



**Plain and Reinforced Concrete Laboratory**  
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1231  
Dr. Umbreen

**To: Assistant Project Director**  
**PMU-SBP (North) , Rawalpindi (M/s Stallion Construction)**  
**Project: Construction of Tehsil Sports Complex Pind Dadan Khan Jhelum(GS#155)**

Our Ref. No. CL/CED/ 3174 Dated: 24-05-21

Your Ref. No. APD/PMU/SBP/RWP/21/1103 Dated: 18-05-21

## COMPRESSION TEST REPORT

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

Specimens received on: 19-05-21 Tested on: 24-05-21 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	ZK		8.7x4.0x2.7	2470	34.8	25	1610	
2	ZK		8.5x4.1x2.8	2376	34.85	41	2640	
3	ZK		8.5x4.0x2.8	2391	34	45	2970	
4	ZK		8.4x4.0x2.8	2405	33.6	51	3400	
5	ZK		8.5x4.2x2.7	2386	35.7	35	2200	
6	ZK		8.4x4.1x2.7	2572	34.44	45	2930	
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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**