



Plain and Reinforced Concrete Laboratory
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10082

Dr. M. Yousaf

To: (S. Shaukat Hussain), Incharge (Civil) For Managing Director
Sui Northern Gas Pipelines Limited. Gas House, 21 Kashmir Road, Lahore.

Project: Construction of Road from Main Road to Compressor Station AC-4 Uch Sharif District Bahawalpur

Our Ref. No. CL/CED/ 61 Dated: 29-04-20

Your Ref. No. CC/T.Pavers/Uch/01 Dated: 11-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 11-03-20 Tested on: 28-04-20 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		7.7x3.7x3.0	3818	28.49	90	7080	
2	Rectangular, Grey		7.7x3.8x3.0	3821	29.26	96	7350	
3	Rectangular, Grey		7.7x3.7x3.0	3796	28.49	114	8970	
4	Rectangular, Grey		7.7x3.8x3.0	3770	29.26	109	8350	
5	Rectangular, Grey		7.7x3.8x3.0	3789	29.26	92	7050	
6	Rectangular, Grey		7.7x3.8x3.0	3801	29.26	98	7510	
7	Rectangular, Grey		7.7x3.7x3.0	3793	28.49	90	7080	
8	Rectangular, Red		7.7x3.8x3.0	3700	29.26	104	7970	
9	Rectangular, Red		7.7x3.8x3.0	3695	29.26	104	7970	
10	Rectangular, Red		7.7x3.8x3.0	3705	29.26	110	8430	
11	Rectangular, Red		7.7x3.8x3.0	3715	29.26	104	7970	
12	Rectangular, Red		7.7x3.8x3.0	3709	29.26	94	7200	
13	Rectangular, Red		7.7x3.7x3.0	3722	28.49	92	7240	
14								
15								
16								

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/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