



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

10375

Dr. M. Yousaf

To: **Municipal officer (I&S)**

Municipal Corporation Ferozwala

Project: Material Repair of the Main Road With Tuff Paver From Hajveri Sweets Lhr-Sheikhupura Road Towards Scheme No. 3, City Kot Abdul Malik

Our Ref. No. CL/CED/

579

Dated:

11-08-20

Your Ref. No.

MC/F/20/329

Dated:

06-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 28-07-20 Tested on: 10-08-20 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	H		8.9x4.2x2.8	3098	37.38	53	3180	
2	H		8.8x4.1x2.8	3023	36.08	49	3050	
3	H		8.8x4.2x2.7	3218	36.96	48	2910	
4	H		8.8x4.2x2.7	3097	36.96	49	2970	
5	H		8.8x4.2x2.9	2952	37.84	48	2850	
6	H		8.8x4.3x2.8	2919	36.96	48	2910	
7	H		8.7x4.2x2.8	2907	36.54	50	3070	
8	H		8.9x4.2x2.9	3027	37.38	50	3000	
9	H		8.8x4.2x2.8	3101	36.96	48	2910	
10	H		8.8x4.3x2.8	3048	37.84	53	3140	
11	H		8.7x4.2x2.7	2797	36.54	45	2760	
12	H		8.9x4.2x2.8	3252	37.38	46	2760	
13	H		8.7x4.3x2.8	3218	37.41	48	2880	
14	H		8.9x4.2x2.9	3038	37.38	43	2580	
15	H		8.8x4.2x2.8	3103	36.96	58	3520	
16	H		8.8x4.2x2.8	3040	36.96	40	2430	

Results can also be seen on website 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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10396

Dr. M. Yousaf

To: Muhammad Tariq
M/s Design Developers
Project: Stones for Rustam Shopping Centre at Gajumatah Lahore

Our Ref. No. CL/CED/ 580 Dated: 11-08-20

Your Ref. No. RSC/GM/01 Dated: 06-08-20

COMPRESSION TEST REPORT

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

Specimens received on: 10-08-20 Tested on: 10-08-20 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		7.8x3.9x2.4	2644	30.42	59	4350	
2	Rectangular Grey		7.8x3.9x2.4	2641	30.42	78	5750	
3	Rectangular Grey		7.8x3.9x2.4	2730	30.42	77	5670	
4	Rectangular Grey		7.8x3.9x2.4	2675	30.42	70	5160	
5	Rectangular Red		7.8x3.9x2.4	2692	30.42	80	5900	
6	Rectangular Red		7.8x3.9x2.4	2605	30.42	58	4280	
7								
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10								
11								
12								
13								
14								
15								
16								

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10378

Dr. M. Yousaf

To: Assistant Director (Tech-II)

Anti-Corruption Establishment, Bahawalpur Region, Bahawalpur

Project: Regular Enquiry 796/18 Against Officers / Officials Provincial Highway Rahim Yar Khan

Our Ref. No. CL/CED/ 561-2 of 3 Dated: 11-08-20

Your Ref. No. ACE-BR-Tech-20/454 Dated: 28-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 29-07-20 Tested on: 10-08-20 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	07		8.8x4.3x3.0	3115	37.84	45	2670	Used Bricks
2	07		8.9x4.3x3.0	3226	38.27	59	3460	Used Bricks
3	07		8.8x4.3x3.0	3135	37.84	55	3260	Used Bricks
4	07		8.8x4.3x2.9	3064	37.84	53	3140	Used Bricks
5	07		9.0x4.3x2.9	3070	38.7	52	3010	Used Bricks
6	07		8.9x4.3x3.0	3190	38.27	55	3220	Used Bricks
7	07		9.0x4.3x2.9	3053	38.7	46	2670	Used Bricks
8	07		9.0x4.3x2.8	3056	38.7	50	2900	Used Bricks
9	07		9.0x4.3x2.9	3105	38.7	48	2780	Used Bricks
10	07		9.0x4.4x3.0	3140	39.6	56	3170	Used Bricks
11	07		9.0x4.4x3.0	3193	39.6	56	3170	Used Bricks
12	07		9.0x4.4x3.0	3092	39.6	56	3170	Used Bricks
13								
14								
15								
16								

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