



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

8723
Dr. Umbreen

To: Imtiaz Ahmad (Project Manager)
A.S. Enterprises, Engineers & Contractors, Karachi
Project: Style Textile Mill

Our Ref. No. CL/CED/ 8342 Dated: 17-06-19

Your Ref. No. USD/ASE/06 Dated: 30-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 31-05-19 Tested on: 14-06-19 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
1	Columns (C30)	23	5	2019	6x6x6	8.2	36	63	3920	Non Engraved
2	Columns (C30)	23	5	2019	6x6x6	8.4	36	70	4360	Non Engraved
3	Columns (C30)	23	5	2019	6x6x6	8.6	36	79	4920	Non Engraved
4	Slab+Beams (C20)	23	5	2019	6x6x6	8.2	36	63	3920	Non Engraved
5	Slab+Beams (C20)	23	5	2019	6x6x6	8.4	36	57	3550	Non Engraved
6	Slab+Beams (C20)	23	5	2019	6x6x6	8.2	36	57	3550	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments?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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8726

Dr. Umbreen

To: **Sub Divisional Officer**

Public Health Engineering Sub Division Taunsa

Project: Comprehensive Sewerage/Drainage Scheme Taunsa Sharif Including Tuff Tiling in Streets

Our Ref. No. CL/CED/

8343

Dated:

17-06-19

Your Ref. No.

27

Dated:

30-04-19

COMPRESSION TEST REPORT

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

Specimens received on:

31-05-19

Tested on:

14-06-19

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				7.8x3.9x2.1	2664	30.42	110	8100	
2	Rectangular Grey				7.8x3.9x2.1	2670	30.42	102	7520	
3	Rectangular Grey				7.8x3.9x2.9	3564	30.42	114	8400	
4	Rectangular Grey				7.8x3.9x2.9	3664	30.42	116	8550	
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8731
Dr. Umbreen

To: Muhammad Rashid
Al-Habib Construction Company Pvt. Ltd. Lahore
Project: CMPAK GSM Phase-IX, Site ID 42790, ODU BTS Foundation

Our Ref. No. CL/CED/ 8344 Dated: 17-06-19

Your Ref. No. AHCC/CMPAK/D7/42790 Dated: 29-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-06-19 Tested on: 12-06-19 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
1		20	5	2019	6x6x6	7.8	36	77	4800	Non Engraved
2		20	5	2019	6x6x6	8	36	81	5040	Non Engraved
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8732

Dr. Umbreen

To: Deputy Director (QCD)

WASA, LDA, Lahore / M/s. Hafiz Qadeer Ahmed & Co.)

Project: Tender No. XEN(O&M-II)GBT/8-19/96/Repair/Rehab. of Road Side From Sherkot Police Station to Sada Bahar Hotel Bund Road Lahore

Our Ref. No. CL/CED/ 8345 Dated: 17-06-19

Your Ref. No. QCD/499-500 Dated: 03-06-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-06-19 Tested on: 12-06-19 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
1		17	5	2019	6x6x6	7.4	36	49	3050	Non Engraved
2		17	5	2019	6x6x6	7.6	36	51	3180	Non Engraved
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8733
Dr. Umbreen

To: **Shanawar Ali (Resident Engineer)**

Javed I Mirza & Associate

Project: Construction of Sheikh Jasim Boys & Girls School at Bharerri, District Jhang

Our Ref. No. CL/CED/

8346

Dated:

17-06-19

Your Ref. No.

JIM/Bhakkar/CT-46/19

Dated:

03-06-19

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-19 Tested on: 14-06-19 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
1	Ov.head water tank	27	5	2019	6x6x6	8.6	36	73	4550	Non Engraved
2	Ov.head water tank	27	5	2019	6x6x6	8.8	36	77	4800	Non Engraved
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8664

Dr. M. Yousaf

To: Banu Mukhtar Products Pvt. Ltd.
New Garden Town Lahore
Project: M-9 Motorway

Our Ref. No. CL/CED/ 8347 Dated: 17-06-19

Your Ref. No. BMP/SMS/M-9/104 Dated: 20-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 21-05-19 Tested on: 17-06-19 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	Tensar Block				6x6x6	8.4	36	81	5040	Cut Cube
2	Tensar Block				6.1x5.9x6	8.2	35.99	86	5360	Cut Cube
3	Tensar Block				6x5.9x6	8.2	35.4	37	2350	Cut Cube
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8729

Dr. M. Yousaf

To: **Sub Divisional Officer**

Buildings Sub Division, Shakargarh.

Project: Construction of Dangerous School in Govt. I T High School Shakargarh Distt. Narowal.

Our Ref. No. CL/CED/

8348

Dated:

17-06-19

Your Ref. No.

1470/Sg

Dated:

08-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 31-05-19 Tested on: 17-06-19 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	5 3 5				8.8x4.3x2.6	3337	37.84	21	1250	
2	5 3 5				8.7x4.3x2.6	3250	37.41	43	2580	
3	5 3 5				8.7x4.2x2.7	3340	36.54	48	2950	
4	5 3 5				8.8x4.3x2.6	3236	37.84	48	2850	
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