



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

9117
Dr. Aqsa

To: M. Akram Malik
Farhan Concrete Company Ltd.,
Project: Nil

Our Ref. No. CL/CED/ 8827-1 of 2 Dated: 05-09-19
Your Ref. No. Nil Dated: 28-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-08-19 Tested on: 29-08-19 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	Hollow Block (2 Holes)				15.8x7.8x7.9	24	73.74	36	1080	
2	Hollow Block (3 Holes)				15.9x5.8x7.5	17.4	54.07	15	620	
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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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9117
Dr. Aqsa

To: M. Akram Malik
Farhan Concrete Company Ltd.,
Project: Nil

Our Ref. No. CL/CED/ 8827-2 of 2 Dated: 05-09-19
Your Ref. No. Nil Dated: 28-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-08-19 Tested on: 29-08-19 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		7.8x3.8x2.1	2694	29.64	35	2650	
2	Rectangular Grey		7.8x3.8x2.1	2850	29.64	65	4920	
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9110
Dr. Aqsa

To: Abdullah Khadim (Resident Engineer)
DAR Engineering
Project: Punjab Agriculture Food and Drug Authority's Science Enclave, Lahore, Pakistan

Our Ref. No. CL/CED/ 8828 Dated: 05-09-19

Your Ref. No. DB-78/DAR/RE/ME/2019/0202 Dated: 27-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 27-08-19 Tested on: 29-08-19 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	Hollow Block Lot 1		15.5x6.0x7.2	16.2	60.2	70	2570	
2	Hollow Block Lot 1		15.5x6.0x7.3	16	60.2	44	1620	
3	Hollow Block Lot 1		15.5x6.0x7.2	16.2	60.2	53	1940	
4	Hollow Block Lot 1		15.5x6.0x7.2	16.8	60.2	47	1730	
5	Hollow Block Lot 1		15.5x6.0x7.3	17	60.2	59	2160	
6	Hollow Block Lot 1		15.5x6.0x7.2	16	60.2	50	1840	
7	Hollow Block Lot 2		15.5x6.0x7.2	16.2	60.2	47	1730	
8	Hollow Block Lot 2		15.5x6.0x7.2	16.4	60.2	67	2460	
9	Hollow Block Lot 2		15.5x6.0x7.2	17	60.2	60	2200	
10	Hollow Block Lot 2		15.5x6.0x7.2	17	60.2	67	2460	
11	Hollow Block Lot 2		15.5x6.0x7.2	16.2	60.2	66	2420	
12	Hollow Block Lot 2		15.5x6.0x7.2	16	60.2	57	2090	
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9131
Dr. M. Yousaf

To: **Sub Divisional Officer**

Public Health Engg: Sub Division, Gojra

**Project: Provision of Laying Tuff Tiles, Sewerage and Nullah in Gojra Distt: Toba Tek Singh
(M/s Ch. Mushtaq Ahmad)**

Our Ref. No. CL/CED/ 8829 Dated: 05-09-19

Your Ref. No. 05/G Dated: 22-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 30-08-19 Tested on: 03-09-19 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	Uni-block Grey		2.1 Thick	3391	37.25	168	10110	
2	Uni-block Grey		2.1 Thick	3282	37.25	178	10710	
3	Uni-block Grey		2.1 Thick	3299	37.25	153	9210	
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Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

9106

Dr. Aqsa

To: Arfan Nazir (Manager Civil)

Nishat Mills Limited, Lahore (Guarantee Engineers Pvt. Ltd.)

Project: Nishat 3.2 MW Power Plant Extension Unit 42 (22-Km off Ferozepur Road, 5-Km Nishat Avenue Lahore), TG Foundation Slab (+7.000m)

Our Ref. No. CL/CED/ 8830 Dated: 05-09-19

Your Ref. No. Nil Dated: 26-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 27-08-19 Tested on: 29-08-19 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
		/Wet Weight (gms)								
1	C-35	29	7	2019	6Diax12	13.4	28.28	79	6160	Non Engraved
2	C-35	29	7	2019	6Diax12	14	28.28	78	6080	Non Engraved
3	C-35	29	7	2019	6Diax12	13.8	28.28	80	6240	Non Engraved
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9107
Dr. Aqsa

To: **Archt. Kalim A. Siddiqui (Chief Exucitve)**
K&S Associates, Lahore

Project: Setting Up of New Branch of MCB Bank at Fruit Mandi, Chakwal

Our Ref. No. CL/CED/ 8831 Dated: 05-09-19

Your Ref. No. KSA/MCB-FM-CHKW/17/AU-20 Dated: 27-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 27-08-19 Tested on: 29-08-19 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
		/Wet Weight (gms)								
1	3000 Psi	22	7	2019	6Diax12	13.2	28.28	50	3900	Non Engraved
2	3000 Psi	22	7	2019	6Diax12	13.2	28.28	53	4140	Non Engraved
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To: Fifth Avenue Construction
5-T Gulberg II, Lahore
Project: 4th Floor Slab

9116
Dr. Aqsa

Our Ref. No. CL/CED/ 8832 Dated: 05-09-19
Your Ref. No. Nil Dated: 28-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-08-19 Tested on: 29-08-19 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
		Wet Weight (gms)								
1	(1 : 1.5 : 3)	31	7	2019	6Diax12	13.4	28.28	57	4450	Non Engraved
2	(1 : 1.5 : 3)	31	7	2019	6Diax12	13.2	28.28	63	4910	Non Engraved
3	(1 : 1.5 : 3)	31	7	2019	6Diax12	13.8	28.28	60	4680	Non Engraved
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9125
Dr. Aqsa

To: Hamas Enterprises (Pvt.) Ltd.
Rawalpindi
Project: Nil

Our Ref. No. CL/CED/ 8833 Dated: 05-09-19
Your Ref. No. Nil Dated: 30-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 30-08-19 Tested on: 05-09-19 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
		Wet Weight (gms)								
1	5 1 2				8.5x4.1x2.9	2676	34.85	40	2580	
2	5 1 2				8.6x4.2x2.9	2776	36.12	45	2800	
3	5 1 2				8.6x4.1x2.9	2560	35.26	30	1910	
4	5 1 2				8.6x4.2x2.8	2703	36.12	49	3040	
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