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

8395

To: **Engr. Khalid Noor (CEO ASTACO)** Dr. Umbreen
ASTACO Engineers and Contractors. Office # 7, Central Plaza Barkat Market, Lahore.
Project: Amir Abdullah House 49/4 Afshaan Chownk Cantt. Lahore.

Our Ref. No. CL/CED/ 7748 Dated: 05-04-19

Your Ref. No. Nil Dated: 04-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 04-04-19 Tested on: 04-04-19 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	Slab (Part A)	21	3	2019	6x6x6	8.6	36	47	2930	Non Engraved
2	Slab (Part A)	21	3	2019	6x6x6	8.3	36	47	2930	Non Engraved
3	Slab (Part A)	21	3	2019	6x6x6	8.2	36	41	2560	Non Engraved
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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"diax12" cylinder) strength at 28 days as comprerssive 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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8398

To: **(Sajid Mahmood) Manager Construction Projects** Dr. Umbreen
Allied Bank
Project: Construction of ABL Building at 3-Babar Block, Lahore.

Our Ref. No. CL/CED/ 7749 Dated: 05-04-19

Your Ref. No. HOL/ENGG.C.P/SM/2019/6 Dated: 04-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 04-04-19 Tested on: 05-04-19 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	430 Kg	27	3	2019	6Diax12	14	28.28	73	5790	Non Engraved
2	430 Kg	27	3	2019	6Diax12	13.7	28.28	55	4360	Non Engraved
3	430 Kg	27	3	2019	6Diax12	14.3	28.28	81	6420	Non Engraved
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8398

To: **(Sajid Mahmood) Manager Construction Projects** Dr. Umbreen
Allied Bank
Project: Construction of ABL Building at 3-Babar Block, Lahore.

Our Ref. No. CL/CED/ 7750 Dated: 05-04-19

Your Ref. No. HOL/ENGG.C.P/SM/2019/7 Dated: 04-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 04-04-19 Tested on: 05-04-19 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	440 Kg	27	3	2019	6Diax12	13.9	28.28	73	5790	Non Engraved
2	440 Kg	27	3	2019	6Diax12	13.9	28.28	75	5950	Non Engraved
3	440 Kg	27	3	2019	6Diax12	14.1	28.28	71	5630	Non Engraved
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8366

To: **Engr. Asif Jah, Executive Engineer** Dr. Umbreen
Anjuman Himayat-I-Islam, 119 Multan Road, Lahore. (M/s M.W Enterprises,)
Project: Construction of Residential Building at Gulberg III, Lahore.

Our Ref. No. CL/CED/ 7751 Dated: 05-04-19

Your Ref. No. Tw-416 Dated: 28-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 01-04-19 Tested on: 03-04-19 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	Slab	20	3	2019	6x6x6	8	36	43	2680	Engraved
2	Slab	20	3	2019	6x6x6	8.2	36	59	3680	Engraved
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8248

To: **Engr. Mian Usama Mahmood, Project Engineer** Dr. Umbreen
Dr. AQ Khan Hospital Lahore.
Project: Construction of Dr. AQ Khan Hospital Trust Lahore. (Concrete Grade:M20)

Our Ref. No. CL/CED/ 7752 Dated: 05-04-19

Your Ref. No. DAQKH/014 Dated: 12-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-03-19 Tested on: 04-04-19 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	MC				8.7x4.3x2.9	3246	37.41	47	2820	
2	MC				8.9x4.4x2.9	3199	39.16	47	2690	
3	MC				8.8x4.3x2.8	3244	37.84	51	3020	
4	MC				8.8x4.3x2.9	3277	37.84	43	2550	
5	MC				8.9x4.3x3	3189	38.27	41	2400	
6	MC			3686	8.8x4.3x2.9	3256	37.84			13.2
7	MC			3640	8.8x4.4x2.8	3264	38.72			11.51
8	MC			3639	8.9x4.4x2.9	3197	39.16			13.82
9	MC			3670	8.7x4.3x3	3257	37.41			12.68
10	MC			3579	8.7x4.3x2.9	3244	37.41			10.32
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