



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

247

Dr. Umbreen

To: **Wasif Manzoor**

Ghuri Tyres (Salman Developers), Lahore

Project: Ghauri Tyres Ware House Building 1st Floor Slab and Beams

Our Ref. No. CL/CED/ 1394 Dated: 17-12-20

Your Ref. No. Nil Dated: 07-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 11-12-20 Tested on: 16-12-20 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	2	11	2020	6Diax12	14	28.28	63	4990	Non Engraved
2	3000 Psi	2	11	2020	6Diax12	14	28.28	63	4990	Non Engraved
3	3000 Psi	2	11	2020	6Diax12	13.8	28.28	63	4990	Non Engraved
4	3000 Psi	2	11	2020	6Diax12	14	28.28	61	4840	Non Engraved
5										
6										
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16										

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 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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Dr. Umbreen

To: Muhammad Saqib (Director)
Ali Saqlain Real Estate & Builders, Lahore
Project: Construction of SQ-99 Mall in Bahria Town Lahore

Our Ref. No. CL/CED/ 1395 Dated: 17-12-20

Your Ref. No. LHR-581 Dated: 10-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 11-12-20 Tested on: 16-12-20 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
		Mo	Da	Yr						
1	1 2	3	12	2020	6Diax12	13.4	28.28	27	2140	Engraved
2	1 4	3	12	2020	6Diax12	13.4	28.28	27	2140	Engraved
3	1 7	3	12	2020	6Diax12	13.6	28.28	37	2940	Engraved
4	1 9	3	12	2020	6Diax12	13.6	28.28	43	3410	Engraved
5	2 0	3	12	2020	6Diax12	13.4	28.28	34	2700	Engraved
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7										
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16										

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Director/Dy. Director Concrete Laboratory



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264

Dr. Umbreen

To: Muhammad Saqib (Director)
Ali Saqlain Real Estate & Builders, Lahore
Project: Construction of SQ-99 Mall in Bahria Town Lahore

Our Ref. No. CL/CED/ 1396 Dated: 17-12-20

Your Ref. No. LHR-589 Dated: 14-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 14-12-20 Tested on: 16-12-20 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
		18	11	2020						
1		18	11	2020	6Diax12	14	28.28	43	3410	Non Engraved
2		24	11	2020	6Diax12	14.6	28.28	43	3410	Engraved
3		24	11	2020	6Diax12	14	28.28	39	3090	Engraved
4										
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Dr. Umbreen

To: **Muhammad Saleem (GM)**

Professional Construction Services (Pvt.) Ltd. Lahore

Project: Construction of Allied Bank Limited DHA Phase 8c Ex Park View Lahore (Ground Floor Column & Retaining Walls at Grid A~K/1~7)

Our Ref. No. CL/CED/

1397

Dated:

17-12-20

Your Ref. No.

PCS/2020/Eng-102

Dated:

14-12-20

COMPRESSION TEST REPORT

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

Specimens received on:

14-12-20

Tested on:

16-12-20

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	(1 : 1.5 : 3)	9	12	2020	6Diax12	14	28.28	47	3730	Non Engraved
2	(1 : 1.5 : 3)	9	12	2020	6Diax12	14	28.28	49	3890	Non Engraved
3										
4										
5										
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Director/Dy. Director Concrete Laboratory



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263

To: Muhammad Saleem (GM)
Professional Construction Services (Pvt.) Ltd. Lahore
Project: Construction of Allied Bank Limited DHA Phase 8c Ex Park View Lahore (Basement Retaining Walls at Grid A~K/1~7)

Dr. Umbreen

Our Ref. No. CL/CED/ 1398 Dated: 17-12-20

Your Ref. No. PCS/2020/Eng-101 Dated: 14-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 14-12-20 Tested on: 16-12-20 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)	15	11	2020	6Diax12	14.8	28.28	69	5470	Non Engraved
2	(1 : 1.5 : 3)	15	11	2020	6Diax12	15	28.28	67	5310	Non Engraved
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8										
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To: **Khalil Ahmad (Project Manager)**
S.A Garden (Pvt.) Ltd. KSK
Project: SA Garden Kala Shah Kaku, Phase-1

Dr. Umbreen

Our Ref. No. CL/CED/ 1399 Dated: 17-12-20

Your Ref. No. SA/PM/Dev/205 Dated: 14-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 14-12-20 Tested on: 16-12-20 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	Raft Foundation	16	11	2020	6x6x6	8.8	36	35	2180	Non Engraved
2	Raft Foundation	16	11	2020	6x6x6	8.6	36	29	1810	Non Engraved
3	Raft Foundation	16	11	2020	6x6x6	8.8	36	27	1680	Non Engraved
4	Wall and Columns	22	11	2020	6x6x6	8.6	36	35	2180	Non Engraved
5	Wall and Columns	22	11	2020	6x6x6	8.4	36	61	3800	Non Engraved
6	Wall and Columns	22	11	2020	6x6x6	8.8	36	37	2310	Non Engraved
7	Outer Wall North Side	2	12	2020	6x6x6	8.8	36	59	3680	Non Engraved
8	Outer Wall North Side	2	12	2020	6x6x6	8.6	36	69	4300	Non Engraved
9	Outer Wall North Side	2	12	2020	6x6x6	8.4	36	53	3300	Non Engraved
10	Slope East Side	4	12	2020	6x6x6	8.6	36	61	3800	Non Engraved
11	Slope East Side	4	12	2020	6x6x6	8.6	36	45	2800	Non Engraved
12	Slope East Side	4	12	2020	6x6x6	9	36	69	4300	Non Engraved
13										
14										
15										
16										

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Dr. Umbreen

To: **Sub Divisional Officer**

Buildings Sub Division No. 22, Lahore

Project: Up-gradation and Development of Shrine of Hazrat Bibi Pak Daman, Lahore

Our Ref. No. CL/CED/ 1400 Dated: 17-12-20

Your Ref. No. 582/22nd Dated: 12-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 14-12-20 Tested on: 16-12-20 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
		1	2	3						
1	Column / Pedestal Work	1	12	2020	6x6x6	8.6	36	55	3430	Non Engraved
2	Column / Pedestal Work	1	12	2020	6x6x6	8.6	36	73	4550	Non Engraved
3										
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Dr. Umbreen

To: **Sub Divisional Officer**

Buildings Sub Division No. 9, Lahore

Project: Provincial Police Line of Punjab Highway Patrol at Jia Bagga, Lahore (Barracks First Floor)

Our Ref. No. CL/CED/ 1401 Dated: 17-12-20

Your Ref. No. 176/9th Dated: 19-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 15-12-20 Tested on: 16-12-20 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	Column (1:1.5:3)	22	10	2020	6x6x6	8.8	36	55	3430	Non Engraved
2	Column (1:1.5:3)	22	10	2020	6x6x6	8.4	36	83	5170	Non Engraved
3										
4										
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16										

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Dr. Umbreen

To: Major Munazzam Sajjad (Head of Administration)
Imran Construction Company, Multan
Project: Naubahar Bottling Company (Pvt.) Ltd. Gujranwala

Our Ref. No. CL/CED/ 1402 Dated: 17-12-20

Your Ref. No. Nil Dated: 15-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 15-12-20 Tested on: 16-12-20 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	Footing	28	11	2020	6x6x6	8.8	36	53	3300	Engraved
2	Footing	28	11	2020	6x6x6	8.6	36	67	4170	Engraved
3	Footing	28	11	2020	6x6x6	8.8	36	55	3430	Engraved
4	Column	4	12	2020	6x6x6	8.6	36	59	3680	Non Engraved
5	Column	4	12	2020	6x6x6	8.4	36	45	2800	Non Engraved
6	Column	4	12	2020	6x6x6	8.8	36	51	3180	Non Engraved
7										
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14										
15										
16										

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