



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

To: Sub Divisional Officer
Buildings Sub Division No. 15, Lahore
Project: Construction of New Administration Block in The Premises of Lahore High Court Lahore

10253
Dr. Umbreen

Our Ref. No. CL/CED/ 360 Dated: 09-07-20
Your Ref. No. 616 Dated: 03-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 03-07-20 Tested on: 06-07-20 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	Columns (Portion-1) 2nd Floor	5	6	2020	6x6x6	8.6	36	98	6100	Engraved
2	Columns (Portion-1) 2nd Floor	5	6	2020	6x6x6	9	36	69	4300	Engraved
3	Columns (Portion-1) 2nd Floor	5	6	2020	6x6x6	8.8	36	96	5980	Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departement?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"x12" 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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University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

10253
Dr. Umbreen

To: Sub Divisional Officer
Buildings Sub Division No. 15, Lahore
Project: Construction of New Administration Block in The Premises of Lahore High Court Lahore

Our Ref. No. CL/CED/ 361 Dated: 09-07-20

Your Ref. No. 619 Dated: 03-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 03-07-20 Tested on: 06-07-20 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	Lift Walls in 2nd Floor	5	6	2020	6x6x6	8.6	36	104	6480	Engraved
2	Lift Walls in 2nd Floor	5	6	2020	6x6x6	9	36	100	6230	Engraved
3	Lift Walls in 2nd Floor	5	6	2020	6x6x6	8.8	36	108	6720	Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

10259
Dr. Umbreen

To: Major (Retd.) Munazzam Sajjad (Head Administration)
Naubahar Bottling Company (Pvt.) Ltd. Gujranwala
Project: Heavy Vehicles parking Area

Our Ref. No. CL/CED/ 362 Dated: 09-07-20
Your Ref. No. Nil Dated: 04-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 06-07-20 Tested on: 08-07-20 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				7.8x3.8x2.3	2823	29.64	120	9070	
2	Rectangular Grey				7.8x3.8x2.3	2792	29.64	140	10580	
3	Rectangular Red				7.8x3.8x2.2	2616	29.64	140	10580	
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Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

To: Mr. Jawad Zafar
Tahir Omer Industries Ltd. Lahore
Project: Factory Situated in Muridkay Sheikhupura Road (Khalis Group)

10258
Dr. Umbreen

Our Ref. No. CL/CED/ 363 Dated: 09-07-20
Your Ref. No. Nil Dated: 06-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 06-07-20 Tested on: 08-07-20 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	Rectangular Grey	6	6	2020	7.8x3.9x2.3	2576	30.42	57	4200	
2	Rectangular Grey	6	6	2020	7.8x3.8x2.3	2480	30.42	59	4350	
3	Rectangular Grey	6	6	2020	7.8x3.8x2.3	2560	30.42	67	4940	
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Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

10256
Dr. Umbreen

To: Mr. Umar Butt
The University of Lahore
Project: AHS Block The University of Lahore

Our Ref. No. CL/CED/ 364 Dated: 09-07-20
Your Ref. No. Nil Dated: 01-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 03-07-20 Tested on: 08-07-20 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	Columns (4000 Psi)	14	6	2020	6Diax12	14	28.28	55	4360	Non Engraved
2	Columns (4000 Psi)	14	6	2020	6Diax12	14.2	28.28	59	4680	Non Engraved
3	Columns (4000 Psi)	17	6	2020	6Diax12	14	28.28	60	4760	Non Engraved
4	Columns (4000 Psi)	17	6	2020	6Diax12	14.2	28.28	63	4990	Non Engraved
5	Columns (4000 Psi)	16	6	2020	6Diax12	14	28.28	63	4990	Non Engraved
6	Columns (4000 Psi)	16	6	2020	6Diax12	13.6	28.28	59	4680	Non Engraved
7	Columns (4000 Psi)	21	6	2020	6Diax12	14	28.28	45	3570	Non Engraved
8	Columns (4000 Psi)	21	6	2020	6Diax12	14.2	28.28	59	4680	Non Engraved
9										
10										
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

To: Mr. Umar Butt
The University of Lahore
Project: Soccer Ground Car Parking-The University of Lahore

Our Ref. No. CL/CED/ 365-1 of 2 Dated: 09-07-20
Your Ref. No. Nil Dated: 01-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 03-07-20 Tested on: 08-07-20 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)
		/Wet Weight						
		(gms)						
1	Footings (3000 Psi)	22	6	2020	6Diax12	14	28.28	43
2	Footings (3000 Psi)	22	6	2020	6Diax12	13.8	28.28	41
3	Footings (3000 Psi)	19	6	2020	6Diax12	14	28.28	39
4	Footings (3000 Psi)	19	6	2020	6Diax12	13.8	28.28	39
5	Footings (3000 Psi)	15	6	2020	6Diax12	13.6	28.28	39
6	Footings (3000 Psi)	15	6	2020	6Diax12	13.8	28.28	41
7	Footings (3000 Psi)	17	6	2020	6Diax12	14	28.28	25
8	Footings (3000 Psi)	17	6	2020	6Diax12	13.4	28.28	37
9	Footings (3000 Psi)	16	6	2020	6Diax12	13.2	28.28	45
10	Footings (3000 Psi)	16	6	2020	6Diax12	14	28.28	43
11	Footings (3000 Psi)	21	6	2020	6Diax12	14	28.28	39
12	Footings (3000 Psi)	21	6	2020	6Diax12	13.6	28.28	37
13	Footings (3000 Psi)	14	6	2020	6Diax12	14	28.28	41
14	Footings (3000 Psi)	14	6	2020	6Diax12	14	28.28	43
15	Footings (3000 Psi)	23	6	2020	6Diax12	14	28.28	39
16	Footings (3000 Psi)	23	6	2020	6Diax12	14	28.28	51

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supervisor(lab) Director/Dy. Director Concrete Laboratory



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

To: Mr. Umar Butt
The University of Lahore
Project: Soccer Ground Car Parking-The University of Lahore

10256
Dr. Umbreen

Our Ref. No. CL/CED/ 365-2 of 2 Dated: 09-07-20
Your Ref. No. Nil Dated: 01-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 03-07-20 Tested on: 08-07-20 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)								
17	Column (4000 Psi)	23	6	2020	6Diax12	14	28.28	53	4200	Non Engraved
18	Column (4000 Psi)	23	6	2020	6Diax12	13.8	28.28	49	3890	Non Engraved
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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

10251
Dr.Mazhar
Saleem

To: **Shahbir Anjam (Project Manager)**
Shahan Brothers, Lahore
Project: Medina Cooperative Lahore

Our Ref. No. CL/CED/ 366 Dated: 09-07-20
Your Ref. No. Nil Dated: 03-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 03-07-20 Tested on: 09-07-20 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)	3	6	2020	6Diax12	13.4	28.28	75	5950	Non Engraved
2	(3000 Psi)	3	6	2020	6Diax12	13.4	28.28	79	6260	Non Engraved
3	(3000 Psi)	2	6	2020	6Diax12	13.4	28.28	47	3730	Non Engraved
4	(3000 Psi)	2	6	2020	6Diax12	13.4	28.28	61	4840	Non Engraved
5	(3000 Psi)	5	6	2020	6Diax12	13.6	28.28	61	4840	Non Engraved
6	(3000 Psi)	5	6	2020	6Diax12	13.2	28.28	55	4360	Non Engraved
7	(4000 Psi)	3	6	2020	6Diax12	13.4	28.28	63	4990	Non Engraved
8	(4000 Psi)	3	6	2020	6Diax12	13.4	28.28	47	3730	Non Engraved
9	(4000 Psi)	4	6	2020	6Diax12	13.6	28.28	69	5470	Non Engraved
10	(4000 Psi)	4	6	2020	6Diax12	13.4	28.28	77	6100	Non Engraved
11										
12										
13										
14										
15										
16										

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supervisor(lab) Director/Dy. Director Concrete Laboratory



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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

10282

To: Engr. Arslan Haider (Client Engineer)
Mukhtar Sons Construction (Pvt.) Ltd.
Project: T-Square Apartment Building Gulberg, Lahore

Dr.Mazhar Saleem

Our Ref. No. CL/CED/ 367 Dated: 09-07-20
Your Ref. No. Nil Dated: 09-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 09-07-20 Tested on: 09-07-20 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	Raft	13	6	2020	6Diax12	14.6	28.28	79	6260	Non Engraved
2	Raft	13	6	2020	6Diax12	14	28.28	57	4520	Non Engraved
3	Raft	13	6	2020	6Diax12	14	28.28	65	5150	Non Engraved
4	Shear Wall-2 & Lift	11	6	2020	6Diax12	14.8	28.28	106	8400	Non Engraved
5	Shear Wall-2 & Lift	11	6	2020	6Diax12	14.4	28.28	98	7770	Non Engraved
6	Shear Wall-2 & Lift	11	6	2020	6Diax12	14.6	28.28	79	6260	Non Engraved
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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

10260
Engr. Ubaid

To: **Muhammad Azeem (Operation Manager)**
Amer Adnan Associates, Lahore
Project: 24-A Block E/2 at Gulberg-III, Lahore

Our Ref. No. CL/CED/ 368 Dated: 09-07-20
Your Ref. No. AAA/24A/0016 Dated: 06-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 06-07-20 Tested on: 07-07-20 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		26	6	2020	6Diax12	14	28.28	57	4520	Non Engraved
2		26	6	2020	6Diax12	14	28.28	57	4520	Non Engraved
3		26	6	2020	6Diax12	14.2	28.28	57	4520	Non Engraved
4		28	6	2020	6Diax12	14	28.28	48	3810	Non Engraved
5		28	6	2020	6Diax12	14.2	28.28	53	4200	Non Engraved
6		28	6	2020	6Diax12	14	28.28	51	4040	Non Engraved
7										
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11										
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supervisor(lab)

Director/Dy. Director Concrete Laboratory