



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

486

Dr. Umbreen

To: **Engr. Arsalan Haider (Resident Engineer)**

Concept Developers

Project: T-Square Apartment Building Gulberg-III, Lahore (3rd Floor Slab)

Our Ref. No. CL/CED/ 1719 Dated: 20-01-21

Your Ref. No. Nil Dated: 20-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-01-21 Tested on: 20-01-21 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	4500 Psi	12	1	2021	6Diax12	14.2	28.28	65	5150	Non Engraved
2	4500 Psi	12	1	2021	6Diax12	14.4	28.28	67	5310	Non Engraved
3	4500 Psi	12	1	2021	6Diax12	14.2	28.28	71	5630	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/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



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

498

Dr. Umbreen

To: Mr. Muhammad Shahbaz
Imperium Hospitality (Pvt.) Ltd. Lahore
Project: Nil

Our Ref. No. CL/CED/ 1720 Dated: 20-01-21

Your Ref. No. IHPL/Con/35 Dated: 19-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-01-21 Tested on: 20-01-21 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	4000 Psi	27	12	2020	6Diax12	13.8	28.28	51	4040	Non Engraved
2	4000 Psi	27	12	2020	6Diax12	13.2	28.28	43	3410	Non Engraved
3	4000 Psi	27	12	2020	6Diax12	14	28.28	53	4200	Non Engraved
4	4000 Psi	28	12	2020	6Diax12	13	28.28	39	3090	Non Engraved
5	4000 Psi	28	12	2020	6Diax12	13.6	28.28	39	3090	Non Engraved
6	4000 Psi	28	12	2020	6Diax12	13.2	28.28	39	3090	Non Engraved
7	4000 Psi	29	12	2020	6Diax12	13.6	28.28	47	3730	Non Engraved
8	4000 Psi	29	12	2020	6Diax12	13.2	28.28	43	3410	Non Engraved
9	4000 Psi	29	12	2020	6Diax12	13.6	28.28	45	3570	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

498

Dr. Umbreen

To: Mr. Muhammad Shahbaz
Imperium Hospitality (Pvt.) Ltd. Lahore
Project: Nil

Our Ref. No. CL/CED/ 1721 Dated: 20-01-21

Your Ref. No. IHPL/Con/36 Dated: 19-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-01-21 Tested on: 20-01-21 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	4000 Psi	30	12	2020	6Diax12	13.2	28.28	47	3730	Non Engraved
2	4000 Psi	30	12	2020	6Diax12	13	28.28	47	3730	Non Engraved
3	4000 Psi	30	12	2020	6Diax12	13	28.28	49	3890	Non Engraved
4	8000 Psi	31	12	2020	6Diax12	13.2	28.28	81	6420	Non Engraved
5	8000 Psi	31	12	2020	6Diax12	13.4	28.28	94	7450	Non Engraved
6	4000 Psi	3	12	2020	6Diax12	14	28.28	63	4990	Non Engraved
7	4000 Psi	3	12	2020	6Diax12	13.6	28.28	71	5630	Non Engraved
8	4000 Psi	3	12	2020	6Diax12	13.6	28.28	77	6100	Non Engraved
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453

To: Mr. Hafiz Ozair Ahmad (Deputy Director QCD)

Dr. Umbreen

WASA, LDA, Lahore (M/s Ikan Mastic JV)

Project: Tender No. P&S/25.01/5654 Storm Water Drainage System From Haji Camp Via Laxmi Chowk, Nabha Road, Chuburgi to Sham Nagar, Lahore

Our Ref. No. CL/CED/ 1722 Dated: 20-01-21

Your Ref. No. QCD/107-08 Dated: 13-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 14-01-21 Tested on: 20-01-21 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	11	2020	6Diax12	13.2	28.28	61	4840	Non Engraved
2		17	11	2020	6Diax12	13.2	28.28	77	6100	Non Engraved
3		17	11	2020	6Diax12	13	28.28	79	6260	Non Engraved
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Dr. Umbreen

To: Mr. Muhammad Aslam (Manager C, R & M)
Allied Bank Limited, Engineering Cell, South-II, Multan
Project: Construction of High Street Branch (0352), Sahiwal (1st Floor Slab & Beam)

Our Ref. No. CL/CED/ 1723 Dated: 20-01-21

Your Ref. No. GHQ/S2/CRM/MA/2021/13 Dated: 14-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 18-01-21 Tested on: 20-01-21 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	12	2020						
1	1st Floor Slab & Beams	18	12	2020	6Diax12	13.4	28.28	67	5310	Engraved
2	1st Floor Slab & Beams	18	12	2020	6Diax12	13.2	28.28	69	5470	Engraved
3	1st Floor Slab & Beams	18	12	2020	6Diax12	13	28.28	61	4840	Engraved
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466

Dr. Umbreen

To: Mr. Muhammad Aslam (Manager C, R & M)
Allied Bank Limited, Engineering Cell, South-II, Multan
Project: Construction of Shah Ruk Ne Alam Colony (0249), Multan (1st Floor Slab & Beam)

Our Ref. No. CL/CED/ 1724 Dated: 20-01-21

Your Ref. No. GHQ/S2/CRM/MA/2021/14 Dated: 14-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 18-01-21 Tested on: 20-01-21 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	1st Floor Slab & Beams	21	12	2020	6Diax12	14	28.28	74	5870	Engraved
2	1st Floor Slab & Beams	21	12	2020	6Diax12	13	28.28	77	6100	Engraved
3	1st Floor Slab & Beams	21	12	2020	6Diax12	13.4	28.28	33	2620	Non Engraved
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468

To: **Mr. Muhammad Umair Ashfaq (Director Plant & Production)**

Dr. Umbreen

Lotte Akhtar Beverages (Pvt.) Ltd. (PepsiCo Bottlers), Lhr

Project: Construction of WWTP at Lotte Akhtar Beverages Plant, Lahore (Retaining Piles)

Our Ref. No. CL/CED/ 1725 Dated: 20-01-21

Your Ref. No. Nil Dated: 18-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 18-01-21 Tested on: 20-01-21 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	LES-8003 (S#1)	3	1	2021	6Diax12	14	28.28	33	2620	Non Engraved
2	LET-5927 (S#3)	3	1	2021	6Diax12	13.6	28.28	37	2940	Non Engraved
3	LET-5927 (S#2)	4	1	2021	6Diax12	14	28.28	29	2300	Engraved
4	LET-5926 (S#3)	4	1	2021	6Diax12	13	28.28	27	2140	Engraved
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Director/Dy. Director Concrete Laboratory



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

468

To: **Mr. Muhammad Umair Ashfaq (Director Plant & Production)**
Lotte Akhtar Beverages (Pvt.) Ltd. (PepsiCo Bottlers), Lahore
Project: Construction of WWTP at Lotte Akhtar Beverages Plant, Lahore (Retaining Piles)

Dr. Umbreen

Our Ref. No. CL/CED/ 1726 Dated: 20-01-21

Your Ref. No. Nil Dated: 18-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 18-01-21 Tested on: 20-01-21 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	LET-5926 (S#3)	9	1	2021	6Diax12	14.2	28.28	51	4040	Engraved
2	LET-5926 (S#1)	9	1	2021	6Diax12	14.2	28.28	55	4360	Engraved
3	LES-8004 (S#1)	10	1	2021	6Diax12	13.2	28.28	41	3250	Engraved
4	LES-8004 (S#2)	10	1	2021	6Diax12	13	28.28	41	3250	Engraved
5	LET-8004 (S#2)	11	1	2021	6Diax12	14	28.28	55	4360	Engraved
6	LET-8004 (S#3)	11	1	2021	6Diax12	13.6	28.28	55	4360	Engraved
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