



# Plain and Reinforced Concrete Laboratory

## Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

85

To: Assistant Executive Engineer

Dr. M. Yousaf

KBCMA, CVAS, Narowal

Project: Construction of Training / Research Dairy Unit, Training / Research Poultry Unit, Post Mortem Building, Surgery Unit, Theriogenology Unit, Medicine Unit at CVAS Narowal

Our Ref. No. CL/CED/

1149

Dated:

10-11-20

Your Ref. No.

AEE/24

Dated:

29-10-20

## COMPRESSION TEST REPORT

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

Specimens received on:

04-11-20

Tested on:

06-11-20

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	1	10	2020	6x6x6	9	36	73	4550	Non Engraved
2	Columns	1	10	2020	6x6x6	9	36	65	4050	Non Engraved
3										
4										
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](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" 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



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

86

Engr. Ubaid

**To: Abrar Hussain (Site Engineer)**  
**Leaders Inn School Pasrur**  
**Project: Leaders Inn School Pasrur (Sialkot)**

Our Ref. No. CL/CED/ 1150 Dated: 10-11-20

Your Ref. No. Nil Dated: 03-11-20

## COMPRESSION TEST REPORT

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

Specimens received on: 04-11-20 Tested on: 09-11-20 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	RCC Slab	10	10	2020	6Diax12	16	28.28	39	3090	Non Engraved
2	RCC Slab	10	10	2020	6Diax12	15.8	28.28	58	4600	Non Engraved
3	RCC Slab	10	10	2020	6Diax12	15.6	28.28	39	3090	Non Engraved
4										
5										
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16										

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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

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Engr. Ubaid

**To: Tahir Mehmood**  
**Hasnain Builders, Lahore**  
**Project: 2nd F Slab a Old CitySchool Gawal Mandi Lahore**

Our Ref. No. CL/CED/ 1151 Dated: 10-11-20

Your Ref. No. Nil Dated: 03-11-20

## COMPRESSION TEST REPORT

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

Specimens received on: 04-11-20 Tested on: 09-11-20 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	2nd Floor Slab (3000 Psi)	1	10	2020	6Diax12	13.2	28.28	36	2860	Non Engraved
2	2nd Floor Slab (3000 Psi)	1	10	2020	6Diax12	13.4	28.28	36	2860	Non Engraved
3										
4										
5										
6										
7										
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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

90

Engr. Ubaid

To: **Manager C, R & M**

**Allied Bank Limited, Multan**

**Project: Construction of Allied Bank Limited Industrial Area Branch & Regional Office, Rahim Yar Khan**

Our Ref. No. CL/CED/

1152-1 of 2

Dated:

10-11-20

Your Ref. No.

GHQ/S2/CRM/JI-MA/2020/306

Dated:

07-10-20

## COMPRESSION TEST REPORT

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

Specimens received on:

05-11-20

Tested on:

09-11-20

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	Plinth Beam	8	9	2020	6Diax12	13.6	28.28	59	4680	Engraved
2	Plinth Beam	8	9	2020	6Diax12	14	28.28	67	5310	Engraved
3	Plinth Beam	8	9	2020	6Diax12	14	28.28	71	5630	Engraved
4	Columns	12	9	2020	6Diax12	13.8	28.28	63	4990	Engraved
5	Columns	12	9	2020	6Diax12	13.8	28.28	49	3890	Engraved
6	Columns	12	9	2020	6Diax12	14	28.28	62	4920	Engraved
7	Foundation	21	8	2020	6Diax12	14	28.28	61	4840	Engraved
8	Foundation	21	8	2020	6Diax12	14	28.28	86	6820	Engraved
9	Foundation	21	8	2020	6Diax12	14	28.28	90	7130	Engraved
10	Foundation Columns	25	8	2020	6Diax12	13.8	28.28	66	5230	Engraved
11	Foundation Columns	25	8	2020	6Diax12	13.8	28.28	75	5950	Engraved
12	Foundation Columns	25	8	2020	6Diax12	13.8	28.28	80	6340	Engraved
13	Foundation Columns	26	8	2020	6Diax12	13.6	28.28	73	5790	Engraved
14	Foundation Columns	26	8	2020	6Diax12	14	28.28	69	5470	Engraved
15	Foundation Columns	26	8	2020	6Diax12	14	28.28	74	5870	Engraved
16										

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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

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Engr. Ubaid

To: **Manager C, R & M**

**Allied Bank Limited, Multan**

**Project: Construction of Allied Bank Limited Industrial Area Branch & Regional Office, Rahim Yar Khan**

Our Ref. No. CL/CED/ 1152-2 of 2 Dated: 10-11-20

Your Ref. No. GHQ/S2/CRM/JI-MA/2020/306 Dated: 07-10-20

## COMPRESSION TEST REPORT

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

Specimens received on: 05-11-20 Tested on: 09-11-20 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)								
16	Columns	14	9	2020	6Diax12	13.4	28.28	57	4520	Engraved
17	Columns	14	9	2020	6Diax12	13.4	28.28	69	5470	Engraved
18	Columns	14	9	2020	6Diax12	14	28.28	79	6260	Engraved
4										
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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

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Engr. Ubaid

To: **M. Sohail Anjum (Project Manager)**  
**P-156 Gulberg II, Lahore**  
**Project: Construction of P-156 Gulberg II, Lahore**

Our Ref. No. CL/CED/ 1153 Dated: 10-11-20

Your Ref. No. P-156-165 Dated: 06-11-20

## COMPRESSION TEST REPORT

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

Specimens received on: 06-11-20 Tested on: 09-11-20 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	638 (3000 Psi)	28	10	2020	6Diax12	13.8	28.28	49	3890	Non Engraved
2	641 (3000 Psi)	28	10	2020	6Diax12	14.4	28.28	49	3890	Non Engraved
3	642 (3000 Psi)	28	10	2020	6Diax12	15	28.28	45	3570	Non Engraved
4										
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**supervisor(lab)**

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Phone Nos. 042-99029202, 042-99029217

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Engr. Ubaid

To: **Muhammad Aslam (Manager C, R & M)**

**Allied Bank Limited, Multan**

**Project: Construction of Allied Bank High Street Sahiwal (00352), Beams & Slab (Ground Floor)**

Our Ref. No. CL/CED/ 1154 Dated: 10-11-20

Your Ref. No. GHQ/S2/CRM/MA/2020/384 Dated: 04-11-20

## COMPRESSION TEST REPORT

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

Specimens received on: 06-11-20 Tested on: 09-11-20 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
		7	10	2020						
1	Beams & Slab	7	10	2020	6Diax12	13.2	28.28	67	5310	Engraved
2	Beams & Slab	7	10	2020	6Diax12	13.2	28.28	67	5310	Engraved
3	Beams & Slab	7	10	2020	6Diax12	13.4	28.28	67	5310	Engraved
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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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

102

Dr. Umbreen

To: Assistant Executive Engineer-IV

Pak P.W.D., Lahore

Project: Construction of International Hostel and Class Rooms at Dot Complex, Allama Iqbal Town, Lahore

Our Ref. No. CL/CED/ 1155 Dated: 10-11-20

Your Ref. No. AEE-IV/CCD-II/LHR/29 Dated: 05-11-20

## COMPRESSION TEST REPORT

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

Specimens received on: 06-11-20 Tested on: 10-11-20 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	Ground Floor Columns	4	10	2020	6x6x6	8.6	36	83	5170	Engraved
2	Ground Floor Columns	4	10	2020	6x6x6	8.6	36	96	5980	Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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Director/Dy. Director Concrete Laboratory





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Phone Nos. 042-99029202, 042-99029217

103

To: **Engr. Muhammad Salman (Assistant Resident Engineer)**

Engr. Ubaid

**M/s AR Engineers**

**Project: Construction of Jewel-1 Apartment Plaza at Gulberg-3, Lahore, (Swimming Pool Slab, Grid B~G / 1~5)**

Our Ref. No. CL/CED/

1156

Dated:

10-11-20

Your Ref. No.

ARST-005

Dated:

06-11-20

## COMPRESSION TEST REPORT

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

Specimens received on: 06-11-20 Tested on: 09-11-20 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	C 01	22	10	2020	6Diax12	14.2	28.28	47	3730	Engraved
2	C 02	22	10	2020	6Diax12	14	28.28	64	5070	Engraved
3	C 03	22	10	2020	6Diax12	14.2	28.28	47	3730	Engraved
4	S 01	28	9	2020	6Diax12	14.6	28.28	41	3250	Non Engraved
5	S 02	28	9	2020	6Diax12	14.6	28.28	47	3730	Non Engraved
6	S 03	28	9	2020	6Diax12	14.6	28.28	30	2380	Non Engraved
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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