



# Plain and Reinforced Concrete Laboratory

## Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

9839

To: **Arsalan Arshad (Project Manager)**

Dr. Mazhar Saleem

**DEPAC, Lahore**

**Project: Construction of Dr. Maqbool Ahmad Block, King Edward Medical University (KEMU), Lahore. / Grid (J/1, F/1, E/1 & F/2)**

Our Ref. No. CL/CED/

9732

Dated:

23-01-20

Your Ref. No.

T-29/03/20

Dated:

22-01-20

## COMPRESSION TEST REPORT

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

Specimens received on: 22-01-20 Tested on: 22-01-20 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 Columns	25	12	2019	6Diax12	13.6	28.28	31	2460	Engraved
2	2nd Floor Columns	25	12	2019	6Diax12	14	28.28	25	1980	Engraved
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\* 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

9817

Dr. M. Yousaf

**To: Muhammad Imran (Chief Executive)**  
**Pyramid Consulting & Engineering Services, Lahore**  
**Project: Construction of Shams Grains Flour Mill**

Our Ref. No. CL/CED/ 9733 Dated: 23-01-20

Your Ref. No. PCES/59/SGM/TSRB/004 Dated: 20-01-20

## COMPRESSION TEST REPORT

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

Specimens received on: 20-01-20 Tested on: 20-01-20 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	Bin Walls	18	12	2019	6Diax12	13.4	28.28	69	5470	Non Engraved
2	Bin Walls	18	12	2019	6Diax12	13.2	28.28	68	5390	Non Engraved
3	Bin Walls	18	12	2019	6Diax12	13.4	28.28	35	2780	Non Engraved
4	Bin Walls	18	12	2019	6Diax12	13.2	28.28	69	5470	Non Engraved
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9818  
Dr. Aqsa

To: **S & S Enterprises**  
**Johar Town, Lahore**

**Project: Construction of-Extension of Shed # 4 for Installation of 18 X New Jacquard Looms-NCL Weaving**

Our Ref. No. CL/CED/ 9734 Dated: 23-01-20

Your Ref. No. NCL-1/0014 Dated: 20-01-20

## COMPRESSION TEST REPORT

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

Specimens received on: 20-01-20 Tested on: 21-01-20 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	Ca-Footing	21	12	2019	6x6x6	9	36	83	5170	Non Engraved
2	Ca-Footing	21	12	2019	6x6x6	8.4	36	74	4610	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

9822

Dr. Aqsa

To: **Muhammad Sajid**

**Shan E Rehman Building Contractor**

**Project: Construction of Golden Pearl Cosmetics at Quaid-E-Azam Industrial Estate Pakistan Lahore**

Our Ref. No. CL/CED/ 9735 Dated: 23-01-20

Your Ref. No. SNR/G-P/111-162 Dated: 20-01-20

## COMPRESSION TEST REPORT

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

Specimens received on: 20-01-20 Tested on: 21-01-20 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	Slab	29	10	2019	6x6x6	9	36	85	5290	Non Engraved
2	Slab	29	10	2019	6x6x6	9	36	85	5290	Non Engraved
3	Slab	29	10	2019	6x6x6	9	36	85	5290	Non Engraved
4	Column	13	11	2019	6x6x6	9	36	97	6040	Engraved
5	Column	13	11	2019	6x6x6	9	36	99	6160	Engraved
6	Column	13	11	2019	6x6x6	9	36	89	5540	Engraved
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Phone Nos. 042-99029202, 042-99029217

9825

Dr. Aqsa

To: **Rana Aadil Farooq (Deputy Director QCD)**

**WASA, LDA, Lahore / (M/s/ Impreza Construction Pvt. Ltd.)**

**Project: Tesnder PS/25.01/6030 Improvement/Rehabilitation of B-Block Disposal Station in Taj Pura Sub Division WASA, L.D.A, Lahore**

Our Ref. No. CL/CED/

9736

Dated:

23-01-20

Your Ref. No.

QCD/1774-75

Dated:

31-12-19

## COMPRESSION TEST REPORT

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

Specimens received on:

20-01-20

Tested on:

21-01-20

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		5	12	2019	6x6x6	8.8	36	76	4730	Engraved
2		5	12	2019	6x6x6	8.8	36	73	4550	Engraved
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9826

Dr. Aqsa

**To: Ahmad Associates**  
**117-Ahmad Block, New Garden Town, Lahore**  
**Project: Khaadi Bahawalpur**

Our Ref. No. CL/CED/ 9737 Dated: 23-01-20

Your Ref. No. IAA-200111 Dated: 20-01-20

## COMPRESSION TEST REPORT

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

Specimens received on: 20-01-20 Tested on: 21-01-20 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	12	2019	6x6x6	9	36	43	2680	Non Engraved
2		1	12	2019	6x6x6	9	36	88	5480	Non Engraved
3		1	12	2019	6x6x6	8.8	36	85	5290	Non Engraved
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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

9836  
Dr. Mazhar  
Saleem

To: Zia-UI-Islam Khan Suri (Asstt: Executive Engineer-IV)

Pakistan Public Works Department

Project: Construction of Ware House for Model Custom's Collectorate at Thokar Niaz Baig, Lahore

Our Ref. No. CL/CED/ 9738 Dated: 23-01-20

Your Ref. No. AEE-IV/LCCD-II/08 Dated: 17-01-20

## COMPRESSION TEST REPORT

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

Specimens received on: 22-01-20 Tested on: 22-01-20 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	Beams & Slab (Ground Floor)	13	12	2019	6x6x6	8.6	36	112	6970	Non Engraved
2	Beams & Slab (Ground Floor)	13	12	2019	6x6x6	8.2	36	114	7100	Non Engraved
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supervisor(lab)

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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

9815

Engr. Aamina

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

Our Ref. No. CL/CED/ 9739 Dated: 23-01-20

Your Ref. No. AAA/24A/0004 Dated: 17-01-20

## COMPRESSION TEST REPORT

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

Specimens received on: 17-01-20 Tested on: 23-01-20 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		19	12	2019	6Diax12	14.2	28.28	43	3410	Engraved
2		19	12	2019	6Diax12	14	28.28	56	4440	Engraved
3		19	12	2019	6Diax12	14	28.28	37	2940	Engraved
4		10	1	2020	6Diax12	13.8	28.28	39	3090	Engraved
5		10	1	2020	6Diax12	14	28.28	33	2620	Engraved
6		10	1	2020	6Diax12	14	28.28	35	2780	Engraved
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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: Waqas Zafar (Project Director)**  
**Peach Club, Faisalabad**  
**Project: The Qube**

9835  
Engr. Aamina

Our Ref. No. CL/CED/ 9740 Dated: 23-01-20  
Your Ref. No. Nil Dated: 20-01-20

## COMPRESSION TEST REPORT

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

Specimens received on: 17-01-20 Tested on: 23-01-20 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	U.G.W.T. Walls	12	1	2020	6Diax12	14.2	28.28	67	5310	Non Engraved
2	U.G.W.T. Walls	12	1	2020	6Diax12	14.4	28.28	61	4840	Non Engraved
3	U.G.W.T. Walls	12	1	2020	6Diax12	14	28.28	63	4990	Non Engraved
4										
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9821

Engr. Aamina

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

Our Ref. No. CL/CED/ 9741 Dated: 23-01-20

Your Ref. No. P-156-063 Dated: 20-01-20

## COMPRESSION TEST REPORT

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

Specimens received on: 20-01-20 Tested on: 23-01-20 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	195 (3750 Psi)	21	12	2019	6Diax12	14.4	28.28	50	3960	Non Engraved
2	196 (3750 Psi)	21	12	2019	6Diax12	13.8	28.28	59	4680	Non Engraved
3	197 (3750 Psi)	21	12	2019	6Diax12	14.2	28.28	49	3890	Non Engraved
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9821  
Engr. Aamina

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

Our Ref. No. CL/CED/ 9742 Dated: 23-01-20  
Your Ref. No. P-156-061 Dated: 17-01-20

## COMPRESSION TEST REPORT

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

Specimens received on: 20-01-20 Tested on: 23-01-20 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	233 (3750 Psi)	10	1	2020	6Diax12	13.8	28.28	44	3490	Non Engraved
2	234 (3750 Psi)	10	1	2020	6Diax12	14	28.28	31	2460	Non Engraved
3	235 (3750 Psi)	10	1	2020	6Diax12	14.4	28.28	35	2780	Non Engraved
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9821  
Engr. Aamina

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

Our Ref. No. CL/CED/ 9743 Dated: 23-01-20  
Your Ref. No. P-156-064 Dated: 20-01-20

## COMPRESSION TEST REPORT

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

Specimens received on: 20-01-20 Tested on: 23-01-20 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	200 (4500 Psi)	21	12	2019	6Diax12	14	28.28	65	5150	Non Engraved
2	201 (4500 Psi)	21	12	2019	6Diax12	14.2	28.28	88	6970	Non Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departament?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departament?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**



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

To: **Arch. Kalim A. Siddiqui (Chief Executive)**  
**KS & Associates, Lahore**

9827  
Engr. Aamina

**Project: Setting Up of New Branch of MCB Bank & Regional Office at Muzaffargarh**

Our Ref. No. CL/CED/ 9744 Dated: 23-01-20

Your Ref. No. KSA/MCB-MZFG/18/JN-12 Dated: 17-01-20

## COMPRESSION TEST REPORT

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

Specimens received on: 21-01-20 Tested on: 23-01-20 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	Slab	12	11	2019	6Diax12	13	28.28	48	3810	Non Engraved
2	Slab	12	11	2019	6Diax12	14	28.28	36	2860	Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing\\_reports?id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing_reports?id=6)

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Note: Above results pertain to the unsealed samples supplied to the laboratory

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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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

9827

To: **Archt. Kalim A. Siddiqui (Chief Executive)**

Engr. Aamina

**KS & Associates, Lahore**

**Project: Setting Up of New Branch of MCB Bank & Regional Office at Muzaffargarh**

Our Ref. No. CL/CED/ 9745 Dated: 23-01-20

Your Ref. No. KSA/MCB-MZFG/18/JN-11 Dated: 17-01-20

## COMPRESSION TEST REPORT

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

Specimens received on: 21-01-20 Tested on: 23-01-20 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	21	11	2019	6Diax12	13.6	28.28	43	3410	Non Engraved
2	Column	21	11	2019	6Diax12	13	28.28	12	950	Non Engraved
3	Column	24	11	2019	6Diax12	13.4	28.28	42	3330	Non Engraved
4	Column	24	11	2019	6Diax12	13.2	28.28	44	3490	Non Engraved
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing\\_reports?id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing_reports?id=6)

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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**