



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

10504  
Dr. Aqsa

**To: Executive Engineer (B&W)**  
**University of Veterinary & Animal Sciences, Lahore**  
**Project: Construction of Boundary Wall / Gate Office 1 & 2 and Watch Tower at CVAS, Narowal (Front Side Boundary Wall)**

Our Ref. No. CL/CED/ 759 Dated: 04-09-20  
Your Ref. No. E.E/535 Dated: 15-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 01-09-20 Tested on: 02-09-20 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	Footing	22	6	2020	6x6x6	9	36	95	5920	Engraved
2	Footing	22	6	2020	6x6x6	9	36	92	5730	Engraved
3										
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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

10504

Dr. Aqsa

To: Assistant Executive Engineer

University of Veterinary & Animal Sciences, Lahore

Project: Construction of Boundary Wall / Gate Office 1 & 2 and Watch Tower at CVAS, Narowal (Back Side Boundary Wall)

Our Ref. No. CL/CED/

760

Dated:

04-09-20

Your Ref. No.

AEE/NC/006

Dated:

13-08-20

## COMPRESSION TEST REPORT

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

Specimens received on:

01-09-20

Tested on:

02-09-20

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	Footing	15	7	2020	6Diax12	14.2	28.28	36	2860	Non Engraved
2	Footing	15	7	2020	6Diax12	14	28.28	37	2940	Non Engraved
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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



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

10504  
Dr. Aqsa

To: **Assistant Executive Engineer**

**University of Veterinary & Animal Sciences, Lahore**

**Project: Construction of Boundary Wall / Gate Office 1 & 2 and Watch Tower at CVAS, Narowal (Along Old Campus Side Boundary Wall)**

Our Ref. No. CL/CED/ 761 Dated: 04-09-20

Your Ref. No. AEE/NC/007 Dated: 18-08-20

## COMPRESSION TEST REPORT

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

Specimens received on: 01-09-20 Tested on: 02-09-20 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	20	7	2020	6Diax12	14	28.28	35	2780	Non Engraved
2	Plinth Beam	20	7	2020	6Diax12	13.8	28.28	41	3250	Non Engraved
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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

10504

Dr. Aqsa

To: Assistant Executive Engineer

University of Veterinary & Animal Sciences, Lahore

Project: Construction of Boundary Wall / Gate Office 1 & 2 and Watch Tower at CVAS, Narowal (Along Old Campus Side Boundary Wall)

Our Ref. No. CL/CED/

762

Dated:

04-09-20

Your Ref. No.

AEE/NC/008

Dated:

19-08-20

## COMPRESSION TEST REPORT

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

Specimens received on:

01-09-20

Tested on:

02-09-20

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	Columns	21	7	2020	6Diax12	14	28.28	53	4200	Engraved
2	Columns	21	7	2020	6Diax12	14.2	28.28	67	5310	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

10504

Dr. Aqsa

To: Assistant Executive Engineer

University of Veterinary & Animal Sciences, Lahore

Project: Construction of Boundary Wall / Gate Office 1 & 2 and Watch Tower at CVAS, Narowal (Back Side Boundary Wall)

Our Ref. No. CL/CED/

763

Dated:

04-09-20

Your Ref. No.

AEE/NC/009

Dated:

22-08-20

## COMPRESSION TEST REPORT

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

Specimens received on: 01-09-20 Tested on: 02-09-20 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	Plinth Beam	24	7	2020	6Diax12	14.2	28.28	62	4920	Engraved
2	Plinth Beam	24	7	2020	6Diax12	14.6	28.28	55	4360	Engraved
3										
4										
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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

10504

Dr. Aqsa

To: Assistant Executive Engineer

University of Veterinary & Animal Sciences, Lahore

Project: Construction of Boundary Wall / Gate Office 1 & 2 and Watch Tower at CVAS, Narowal (Back Side Boundary Wall)

Our Ref. No. CL/CED/

764

Dated:

04-09-20

Your Ref. No.

AEE/NC/010

Dated:

25-08-20

## COMPRESSION TEST REPORT

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

Specimens received on:

01-09-20

Tested on:

02-09-20

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	27	7	2020	6Diax12	14.6	28.28	53	4200	Engraved
2	Columns	27	7	2020	6Diax12	14.4	28.28	51	4040	Engraved
3										
4										
5										
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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

10512

Dr. M. Yousaf

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

Our Ref. No. CL/CED/ 765 Dated: 04-09-20

Your Ref. No. P-156-129 Dated: 02-09-20

## COMPRESSION TEST REPORT

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

Specimens received on: 02-09-20 Tested on: 03-09-20 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	512 (3000 Psi)	25	8	2020	6Diax12	14.2	28.28	37	2940	Non Engraved
2	513 (3000 Psi)	25	8	2020	6Diax12	14.3	28.28	35	2780	Non Engraved
3	520 (3000 Psi)	25	8	2020	6Diax12	14.6	28.28	35	2780	Non Engraved
4										
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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

10511  
Dr. M. Yousaf

**To: Mujib ur Rehman (Principal Architect)**  
**Sustainable Design Solutions, Lahore**  
**Project: 34-CCA Commercial at Phase-6, DHA, Lahore**

Our Ref. No. CL/CED/ 766 Dated: 04-09-20  
Your Ref. No. SDS-1262019-08 Dated: 26-08-20

## COMPRESSION TEST REPORT

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

Specimens received on: 02-09-20 Tested on: 03-09-20 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		23	7	2020	6Diax12	14.2	28.28	33	2620	Engraved
2		23	7	2020	6Diax12	14.2	28.28	34	2700	Engraved
3										
4										
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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

10510  
Dr. M. Yousaf

**To: M. Shahbaz Iqbal**  
**BPS (Pvt.) Ltd., Lahore**  
**Project: Alpha Homes (Apartments)**

Our Ref. No. CL/CED/ 767 Dated: 04-09-20  
Your Ref. No. Nil Dated: 02-09-20

## COMPRESSION TEST REPORT

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

Specimens received on: 02-09-20 Tested on: 03-09-20 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	A/D 43 to 41, Raft	28	7	2020	6Diax12	13.8	28.28	55	4360	Non Engraved
2	A/D 43 to 41, Raft	28	7	2020	6Diax12	14.6	28.28	55	4360	Non Engraved
3	A/D 43 to 41, Raft	28	7	2020	6Diax12	14.4	28.28	32	2540	Non Engraved
4										
5										
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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

10510  
Dr. M. Yousaf

**To: M. Shahbaz Iqbal**  
**BPS (Pvt.) Ltd., Lahore**  
**Project: Alpha Homes (Apartments)**

Our Ref. No. CL/CED/ 768 Dated: 04-09-20  
Your Ref. No. Nil Dated: 02-09-20

## COMPRESSION TEST REPORT

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

Specimens received on: 02-09-20 Tested on: 03-09-20 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	25	8	2020	6Diax12	14	28.28	38	3010	Non Engraved
2	Lift	25	8	2020	6Diax12	14.2	28.28	40	3170	Non Engraved
3	Lift	25	8	2020	6Diax12	14	28.28	32	2540	Non Engraved
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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

10510

Dr. M. Yousaf

To: **M. Shahbaz Iqbal**  
**BPS (Pvt.) Ltd., Lahore**  
**Project: Alpha Homes (Apartments)**

Our Ref. No. CL/CED/ 769 Dated: 04-09-20

Your Ref. No. Nil Dated: 02-09-20

## COMPRESSION TEST REPORT

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

Specimens received on: 02-09-20 Tested on: 03-09-20 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	A/D 43 to 41, Raft	27	7	2020	6Diax12	13.6	28.28	47	3730	Non Engraved
2	A/D 43 to 41, Raft	27	7	2020	6Diax12	13.6	28.28	47	3730	Non Engraved
3	A/D 43 to 41, Raft	27	7	2020	6Diax12	13.8	28.28	48	3810	Non Engraved
4										
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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

10496  
Dr. Aqsa

**To: Deputy Director (Technical)**  
**Anti-Corruption Establishment, Multan Region, Multan**  
**Project: Regarding Enquiry No. 203/2019 Multan, (RD 107+00)**

Our Ref. No. CL/CED/ 770-1 of 3 Dated: 04-09-20

Your Ref. No. ACE.MR-(DDT)/13 Dated: 27-08-20

## COMPRESSION TEST REPORT

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

Specimens received on: 28-08-20 Tested on: 02-09-20 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	MA		8.4x4.1x2.7	2207	34.44	48	3130	Used Bricks
2	MA		8.3x4.0x2.6	2306	33.2	31	2100	Used Bricks
3	MA		8.2x4.0x2.6	2308	32.8	45	3080	Used Bricks
4	MA		8.1x3.9x2.6	2190	31.59	41	2910	Used Bricks
5	4 9 7		8.4x4.1x2.8	2628	34.44	40	2610	Used Bricks
6	4 9 7		8.5x4.2x2.8	2648	35.7	48	3020	Used Bricks
7	4 9 7		8.5x4.3x2.8	2666	36.55	35	2150	Used Bricks
8	4 9 7		8.4x4.2x2.8	2681	35.28	47	2990	Used Bricks
9	4 9 7		8.5x4.1x2.8	2632	34.85	31	2000	Used Bricks
10								
11								
12								
13								
14								
15								
16								

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

10496

Dr. M. Yousaf

**To: Deputy Director (Technical)**  
**Anti-Corruption Establishment, Multan Region, Multan**  
**Project: Regarding Enquiry No. 203/2019 Multan, (RD 95+00)**

Our Ref. No. CL/CED/ 770-2 of 3 Dated: 04-09-20

Your Ref. No. ACE.MR-(DDT)/13 Dated: 27-08-20

## COMPRESSION TEST REPORT

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

Specimens received on: 28-08-20 Tested on: 03-09-20 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	Kerb Stone		6x6x5.5	9.4	36	15	940	Cut Cube
2	Kerb Stone		6x6x5.5	9.4	36	22	1370	Cut Cube
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)

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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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Phone Nos. 042-99029202, 042-99029217

10496  
Dr. Aqsa

**To: Deputy Director (Technical)**  
**Anti-Corruption Establishment, Multan Region, Multan**  
**Project: Regarding Enquiry No. 203/2019 Multan, (RD 95+00)**

Our Ref. No. CL/CED/ 770-3 of 3 Dated: 04-09-20  
Your Ref. No. ACE.MR-(DDT)/13 Dated: 27-08-20

## COMPRESSION TEST REPORT

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

Specimens received on: 28-08-20 Tested on: 02-09-20 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	I-Section Grey		2.4 Thick	3780	41.02	142	7760	Used Sample
2	I-Section Grey		2.4 Thick	3638	41.02	148	8090	Used Sample
3	I-Section Grey		2.4 Thick	3674	41.02	156	8520	Used Sample
4	I-Section Grey		2.4 Thick	3723	41.02	164	8960	Used Sample
5	I-Section Grey		2.4 Thick	3779	41.02	169	9230	Used Sample
6								
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9								
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12								
13								
14								
15								
16								

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

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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**