



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

8163

Dr. Rizwan Azam

To: **Zafar Iqbal (Supervising Engr.)**  
**Shahnaz Banquet Hall & Food Suppliers, Lahore**  
Project:

Our Ref. No. CL/CED/ 7383 Dated: 28-02-19  
Your Ref. No. Nil Dated: 25-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 26-02-19 Tested on: 28-02-19 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		16	2	2019	6Diax12	14.8	28.28	77	6100	Non Engraved
2		16	2	2019	6Diax12	14	28.28	65	5150	Non Engraved
3		16	2	2019	6Diax12	13.8	28.28	72	5710	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](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

8150  
Engr. Aamina

**To: Muhammad Afzal**  
**M/s Muhammad Afzal, Sargodha**  
**Project:**

Our Ref. No. CL/CED/ 7384 Dated: 28-02-19  
Your Ref. No. Nil Dated: 25-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 25-02-19 Tested on: 25-02-19 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				7.8x3.8x2.2	2801	29.64	100	7560	
2	Rectangular Grey				7.8x3.8x2.2	2795	29.64	110	8320	
3	Rectangular Grey				7.8x3.8x2.2	2812	29.64	86	6500	
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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

8151

Engr. Aamina

**To: Muhammad Waqas Anwar (Resident Engineer-I)**  
**H&TE Div., NESPAK Pvt. Ltd. Lahore**  
**Project: Construction of Flyover at Shoukat Khanam Intersection, Lahore**

Our Ref. No. CL/CED/ 7385 Dated: 28-02-19

Your Ref. No. 3772/SKF/103/MWA/04/200 Dated: 24-01-19

## COMPRESSION TEST REPORT

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

Specimens received on: 25-02-19 Tested on: 25-02-19 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				7.8x3.8x2.2	2896	29.64	146	11040	
2	Rectangular Grey				7.8x3.8x2.2	2826	29.64	154	11640	
3	Rectangular Grey				7.8x3.8x2.2	2784	29.64	106	8020	
4	Rectangular Grey				7.8x3.8x2.2	2872	29.64	106	8020	
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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

8135  
Dr. Umbreen

To: **Imran Akhtar (Project Manager)**  
**CM Engineering Pvt. Ltd. Lahore**  
**Project: CMPAK, Site ID 41521, Column**

Our Ref. No. CL/CED/ 7386 Dated: 28-02-19

Your Ref. No. CME/Cubes/CMPAK/465 Dated: 09-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 22-02-19 Tested on: 26-02-19 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		12	1	2019	6x6x6	8	36	104	6480	Non Engraved
2		12	1	2019	6x6x6	8.2	36	116	7220	Non Engraved
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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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

8135

Dr. Umbreen

To: **Imran Akhtar (Project Manager)**  
**CM Engineering Pvt. Ltd. Lahore**  
**Project: CMPAK, Site ID 41521, Raft**

Our Ref. No. CL/CED/ 7387 Dated: 28-02-19

Your Ref. No. CME/Cubes/CMPAK/464 Dated: 08-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 22-02-19 Tested on: 26-02-19 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		11	1	2019	6x6x6	8.2	36	116	7220	Non Engraved
2		11	1	2019	6x6x6	8.2	36	118	7350	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

8135

Dr. Umbreen

To: **Imran Akhtar (Project Manager)**  
**CM Engineering Pvt. Ltd. Lahore**  
**Project: CMPAK, Site ID 40743, Pier Foundation**

Our Ref. No. CL/CED/ 7388 Dated: 28-02-19

Your Ref. No. CME/Cubes/CMPAK/466 Dated: 05-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 22-02-19 Tested on: 26-02-19 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		8	1	2019	6x6x6	8.6	36	120	7470	Non Engraved
2		8	1	2019	6x6x6	8.4	36	126	7840	Non Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

8135  
Dr. Umbreen

**To: Imran Akhtar (Project Manager)**  
**CM Engineering Pvt. Ltd. Lahore**  
**Project: CMPAK, Site ID 41639, Pier Foundation**

Our Ref. No. CL/CED/ 7389 Dated: 28-02-19

Your Ref. No. CME/Cubes/CMPAK/463 Dated: 11-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 22-02-19 Tested on: 26-02-19 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		14	1	2019	6x6x6	8	36	96	5980	Non Engraved
2		14	1	2019	6x6x6	8.5	36	122	7600	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

8135  
Dr. Umbreen

**To: Imran Akhtar (Project Manager)**  
**CM Engineering Pvt. Ltd. Lahore**  
**Project:Edot Co, Site ID MGJR06, Pier Foundation**

Our Ref. No. CL/CED/ 7390 Dated: 28-02-19

Your Ref. No. CME/Cubes/EdotCo/469 Dated: 09-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 22-02-19 Tested on: 26-02-19 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		2	2	2019	6x6x6	8.2	36	114	7100	Non Engraved
2		2	2	2019	6x6x6	8.2	36	114	7100	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

8175  
Dr. Aqsa

To: **Engr. Khalid Noor (C.E.O)**  
**ASTACO Engineers and Contractors, Lahore**  
Project:

Our Ref. No. CL/CED/ 7391 Dated: 28-02-19  
Your Ref. No. Nil Dated: 28-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 28-02-19 Tested on: 28-02-19 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	Beam	19	2	2019	6x6x6	8.2	36	63	3920	Non Engraved
2	Beam	19	2	2019	6x6x6	8.2	36	58	3610	Non Engraved
3	Beam	19	2	2019	6x6x6	8.2	36	72	4480	Non 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

8174  
Dr. Aqsa

**To: Building Department Omega Residencia**  
**Omega Villas Pvt. Ltd. Lahore**  
**Project: O.H.R in Omega Residencia Scheme**

Our Ref. No. CL/CED/ 7392 Dated: 28-02-19

Your Ref. No. Nil Dated: 27-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 28-02-19 Tested on: 28-02-19 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	R C C	7	2	2019	6x6x6	8.4	36	59	3680	Non Engraved
2	R C C	7	2	2019	6x6x6	8.4	36	39	2430	Non Engraved
3	R C C	7	2	2019	6x6x6	8.3	36	38	2370	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

8074

To: **Engr. Muhammad Shah Zaib (Assistant Engineer)**  
**B&W Department, UET**  
**Lahore**

Dr. Waseem Abbas

**Project: Construction Site of Girls Hostel in UET Lahore**

Our Ref. No. CL/CED/ 7393 Dated: 28-02-19

Your Ref. No. B&W/AENC/720 Dated: 12-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 12-02-19 Tested on: 27-02-19 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	18	1	2019	6Diax12	13.4	28.28	110	8720	Non Engraved
2	Columns	18	1	2019	6Diax12	13.8	28.28	110	8720	Non Engraved
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Director/Dy. Director Concrete Laboratory



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

8074  
Dr. Aqsa

To: **Engr. Muhammad Shah Zaib (Assistant Engineer)**  
**B&W Department, UET**  
**Lahore**

**Project: Construction Site of Girls Hostel for 300 Students in UET Lahore**

Our Ref. No. CL/CED/ 7394 Dated: 28-02-19

Your Ref. No. B&W/AENC/696 Dated: 01-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 12-02-19 Tested on: 28-02-19 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 Beams	5	1	2019	6Diax12	13.8	28.28	55	4360	Engraved
2	Plinth Beams	5	1	2019	6Diax12	13.6	28.28	102	8080	Engraved
End	---	---	---	---	---	---	---	---	---	---
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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"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

8147

Dr. Aqsa

To: **Engr. Muhammad Abdullah (Assistant Engineer)**  
**B&W Department, UET**  
**Lahore**

**Project: Construction Site of Extension of Admin Block in UET Lahore (Ground Floor Slab and Beams)**

Our Ref. No. CL/CED/ 7395 Dated: 28-02-19

Your Ref. No. B&W/AENC/760 Dated: 22-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 25-02-19 Tested on: 28-02-19 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		28	1	2019	6Diax12	13.6	28.28	96	7610	Non Engraved
2		28	1	2019	6Diax12	13.8	28.28	95	7530	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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supervisor(lab)

Director/Dy. Director Concrete Laboratory