



# Plain and Reinforced Concrete Laboratory

## Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

245

To: Assistant Executive Engineer-IV  
Central Civil Division No.II, Pak P.W.D., Lahore

Dr.Mazhar Saleem

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

Our Ref. No. CL/CED/ 1383 Dated: 15-12-20

Your Ref. No. AEE-IV/CCD-II/LHR/34 Dated: 07-12-20

## COMPRESSION TEST REPORT

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

Specimens received on: 11-12-20 Tested on: 14-12-20 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 Slab	18	10	2020	6x6x6	9	36	81	5040	Non Engraved
2	Ground Floor Slab	18	10	2020	6x6x6	9	36	126	7840	Non Engraved
3										
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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" 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

245

To: **Assistant Executive Engineer-IV**

Dr. Mazhar Saleem

**Central Civil Division No. II, 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/ 1384 Dated: 15-12-20

Your Ref. No. AEE-IV/CCD-II/LHR/35 Dated: 07-12-20

## COMPRESSION TEST REPORT

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

Specimens received on: 11-12-20 Tested on: 14-12-20 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	First Floor Column	7	11	2020	6x6x6	8.8	36	88	5480	Engraved
2	First Floor Column	7	11	2020	6x6x6	8.8	36	98	6100	Engraved
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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

236

To: **Flight Lieutenant Adal Imtiaz (Assistant Director)**

Dr. Mazhar Saleem

**Fazaia Housing Scheme Phase-II, Lahore**

**Project: Central Mosque Fazaia Housing Scheme (Phase-II) Lahore**

Our Ref. No. CL/CED/ 1385 Dated: 15-12-20

Your Ref. No. FHSL-II/5811/1/Org(CA-12) Dated: 08-12-20

## COMPRESSION TEST REPORT

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

Specimens received on: 10-12-20 Tested on: 14-12-20 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	Strip Footing (Class B)	9	11	2020	6Diax12	14	28.28	49	3890	Engraved
2	Strip Footing (Class B)	9	11	2020	6Diax12	14	28.28	61	4840	Engraved
3	Walls (Class A)	24	11	2020	6Diax12	13	28.28	61	4840	Engraved
4	Walls (Class A)	24	11	2020	6Diax12	13.2	28.28	45	3570	Engraved
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## Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

241

To: **Shahid Jameel (Construction Manager)**

Dr. Mazhar Saleem

**Mughals Pakistan Pvt. Ltd. Lahore**

**Project: Construction of EOBI Hotel & Mixed Use Development, Lahore (Portal Frame-South Elevation)**

Our Ref. No. CL/CED/

1386

Dated:

15-12-20

Your Ref. No.

786/MPL-  
0064/091213/2020

Dated:

09-12-20

## COMPRESSION TEST REPORT

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

Specimens received on: 10-12-20 Tested on: 14-12-20 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	4000 Psi	2	12	2020	6Diax12	14	28.28	81	6420	Non Engraved
2	4000 Psi	2	12	2020	6Diax12	14	28.28	55	4360	Non Engraved
3	4000 Psi	2	12	2020	6Diax12	14.2	28.28	31	2460	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

246

Dr. Mazhar Saleem

**To: Ayaz Khan**  
**Interlik Mobile Accesris, Lahore**  
**Project: Nil**

Our Ref. No. CL/CED/ 1387 Dated: 15-12-20  
Your Ref. No. Nil Dated: 11-12-20

## COMPRESSION TEST REPORT

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

Specimens received on: 11-12-20 Tested on: 14-12-20 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		10	11	2020	6Diax12	14	28.28	41	3250	Non Engraved
2		10	11	2020	6Diax12	13.4	28.28	39	3090	Non Engraved
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**supervisor(lab)**

**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

250

To: **M. Sohail Anjum (Project Manager)**

Dr. Mazhar Saleem

**P-156 Gulberg II, Lahore**

**Project: Construction of P-156 Gulberg II, Lahore**

Our Ref. No. CL/CED/

1388

Dated:

15-12-20

Your Ref. No.

P-152-182

Dated:

11-12-20

## COMPRESSION TEST REPORT

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

Specimens received on:

11-12-20

Tested on:

14-12-20

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	675 (3000 Psi)	12	11	2020	6Diax12	14.6	28.28	69	5470	Non Engraved
2	677 (3000 Psi)	12	11	2020	6Diax12	14.8	28.28	73	5790	Non Engraved
3	678 (3000 Psi)	12	11	2020	6Diax12	14.6	28.28	69	5470	Non Engraved
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**Plain and Reinforced Concrete Laboratory**  
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University of Engineering and Technology, Lahore  
Phone Nos. 042-99029202, 042-99029217

250

Dr. Mazhar Saleem

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

Our Ref. No. CL/CED/ 1389 Dated: 15-12-20

Your Ref. No. P-152-181 Dated: 11-12-20

## COMPRESSION TEST REPORT

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

Specimens received on: 11-12-20 Tested on: 14-12-20 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	707 (3000 Psi)	3	12	2020	6Diax12	14.2	28.28	59	4680	Non Engraved
2	710 (3000 Psi)	3	12	2020	6Diax12	15.4	28.28	61	4840	Non Engraved
3	714 (3000 Psi)	3	12	2020	6Diax12	15	28.28	59	4680	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

252

Dr. Mazhar Saleem

To: **Project Manager**

**Etihad Town (Pvt.) Ltd. Lahore**

**Project: Etihad Town (Pvt.) Ltd. Raiwind Road Lahore (Over Head Water Tank)**

Our Ref. No. CL/CED/

1390

Dated:

15-12-20

Your Ref. No.

Nil

Dated:

10-12-20

## COMPRESSION TEST REPORT

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

Specimens received on:

11-12-20

Tested on:

14-12-20

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	4000 Psi	13	11	2020	6Diax12	14.2	28.28	67	5310	Non Engraved
2	4000 Psi	13	11	2020	6Diax12	14.4	28.28	67	5310	Non Engraved
3	4000 Psi	13	11	2020	6Diax12	14.6	28.28	59	4680	Non Engraved
4										
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Phone Nos. 042-99029202, 042-99029217

249  
Dr. Mazhar  
Saleem

**To: Rashid Iqbal (Project Manager)**  
**A&R Construction Services, Lahore Cantt.**  
**Project: Construction of Residence of Mr. Syed Farhan ul Hashmi at Plot No:47 Sector A Sui-Gas Society Lahore**

Our Ref. No. CL/CED/ 1391 Dated: 15-12-20

Your Ref. No. Nil Dated: 05-10-20

## COMPRESSION TEST REPORT

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

Specimens received on: 11-12-20 Tested on: 14-12-20 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	Basement Slab	5	10	2020	6x6x6	8	36	69	4300	Non Engraved
2	Basement Slab	5	10	2020	6x6x6	8	36	71	4420	Non Engraved
3										
4										
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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

265

Dr. Umbreen

To: **Abdul Razzaq (Project Engineer)**

**Sinaco Engineers (Pvt.) Ltd. Lahore**

**Project: Construction of Old Stitching Building # 2 Retro Fitting in Cotton Web Ltd.**

Our Ref. No. CL/CED/

1392

Dated:

15-12-20

Your Ref. No.

Nil

Dated:

14-12-20

## COMPRESSION TEST REPORT

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

Specimens received on:

15-12-20

Tested on:

15-12-20

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	Footing (Grid A-B)	7	12	2020	6Diax12	14	28.28	53	4200	Non Engraved
2	Footing (Grid A-B)	7	12	2020	6Diax12	14	28.28	59	4680	Non Engraved
3	Footing (Grid A-B)	7	12	2020	6Diax12	14	28.28	55	4360	Non Engraved
4										
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