



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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To: **Muhammad Affan (Project Manager)**
ICON Residencia, Lahore
Project: Basement Slab (I~N)(1-6)

Dr.Mazhar Saleem

Our Ref. No. CL/CED/ 1088 Dated: 28-10-20

Your Ref. No. Nil Dated: 15-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 03-10-20 Tested on: 23-10-20 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	26	7	2020	6Diax12	14	28.28	65	5150	Engraved
2	4000 Psi	26	7	2020	6Diax12	14	28.28	83	6580	Engraved
3	4000 Psi	26	7	2020	6Diax12	13.8	28.28	57	4520	Engraved
4										
5										
6										
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Results can also be seen on website 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



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Dr. Aqsa

To: Ali Anwar Malik
Lahore
Project: Nil

Our Ref. No. CL/CED/ 1080-2 of 2 Dated: 28-10-20
Your Ref. No. Nil Dated: 20-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 20-10-20 Tested on: 27-10-20 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	Concrete Brick NA		9.0x4.5x2.9	3695	40.5	39	2160	
2								
3								
4								
5								
6								
7								
8								
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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/ 1089 Dated: 28-10-20

Your Ref. No. P-156-154 Dated: 13-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 22-10-20 Tested on: 27-10-20 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	607 (3000 Psi)	13	10	2020	6Diax12	13.8	28.28	41	3250	Non Engraved
2	608 (3000 Psi)	13	10	2020	6Diax12	14.4	28.28	23	1830	Non Engraved
3	609 (3000 Psi)	13	10	2020	6Diax12	13.8	28.28	47	3730	Non Engraved
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Director/Dy. Director Concrete Laboratory



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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/

1090

Dated:

28-10-20

Your Ref. No.

P-156-153

Dated:

19-10-20

COMPRESSION TEST REPORT

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

Specimens received on:

22-10-20

Tested on:

27-10-20

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	566 (3000 Psi)	21	9	2020	6Diax12	14	28.28	51	4040	Non Engraved
2	569 (3000 Psi)	21	9	2020	6Diax12	13.8	28.28	27	2140	Non Engraved
3	571 (3000 Psi)	21	9	2020	6Diax12	14	28.28	47	3730	Non Engraved
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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/ 1091 Dated: 28-10-20

Your Ref. No. P-156-155 Dated: 26-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 26-10-20 Tested on: 27-10-20 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	618 (4500 Psi)	17	10	2020	6Diax12	14.4	28.28	53	4200	Non Engraved
2	619 (4500 Psi)	17	10	2020	6Diax12	15	28.28	59	4680	Non Engraved
3	620 (4500 Psi)	17	10	2020	6Diax12	14.2	28.28	57	4520	Non Engraved
4										
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6										
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9										
10										
11										
12										
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15										
16										

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Dr. Mazhar Saleem

To: Resident Engineer
Meinhardt, Lahore
Project: PEC Building Lahore

Our Ref. No. CL/CED/ 1092 Dated: 28-10-20

Your Ref. No. MPPL/ProjPEC/LHR/RE/009 Dated: 22-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 23-10-20 Tested on: 27-10-20 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	P 161 (101)	15	10	2020	6Diax12	13.4	28.28	53	4200	Non Engraved
2	P 145 (111)	15	10	2020	6Diax12	14	28.28	49	3890	Non Engraved
3	P 148 (109)	15	10	2020	6Diax12	13.8	28.28	59	4680	Non Engraved
4	P 159 (104)	15	10	2020	6Diax12	14	28.28	43	3410	Non Engraved
5	P 153 (105)	15	10	2020	6Diax12	13.6	28.28	51	4040	Non Engraved
6	P 143 (113)	16	10	2020	6Diax12	13.4	28.28	51	4040	Engraved
7	P 155 (118)	16	10	2020	6Diax12	13.2	28.28	59	4680	Engraved
8	P 152 (122)	16	10	2020	6Diax12	13.2	28.28	49	3890	Engraved
9	P 157 (119)	16	10	2020	6Diax12	13.8	28.28	55	4360	Engraved
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11										
12										
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15										
16										

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Dr. Aqsa

To: Junaid Iqbal (Project Manage-FCC)
Forman Christian College, Lahore
Project: Construction of Campus Center, FCC, Lahore

Our Ref. No. CL/CED/ 1093 Dated: 28-10-20

Your Ref. No. FCC/DBW/PM/CCP/20/096 Dated: 27-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 27-10-20 Tested on: 28-10-20 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	3000 Psi	27	9	2020	6Diax12	13.6	28.28	63	4990	Non Engraved
2	3000 Psi	27	9	2020	6Diax12	13.4	28.28	67	5310	Non Engraved
3	3000 Psi	27	9	2020	6Diax12	13	28.28	66	5230	Non Engraved
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6										
7										
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Dr. Aqsa

To: Ahsan Ali
Inter Link Mobile Accessories, Lahore
Project: Nil

Our Ref. No. CL/CED/ 1094 Dated: 28-10-20
Your Ref. No. Nil Dated: 20-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 20-10-20 Tested on: 28-10-20 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		14	10	2020	6Diax12	13.6	28.28	28	2220	Non Engraved
2		14	10	2020	6Diax12	13.4	28.28	33	2620	Non Engraved
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