



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

6

To: **L.t. Col. (Retd.) Muhammad Ibrahim (Estate Engineer)**
Sundar Industrial Estate, Lahore
Project: Repair of Cycle Track in Cash

Dr.Mazhar Saleem

Our Ref. No. CL/CED/ 978 Dated: 16-10-20

Your Ref. No. BOM/SIE/ BCD/5917 Dated: 15-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 15-10-20 Tested on: 16-10-20 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	I-Section Grey		2.3 Thick	3874	40.77	220	12090	
2	I-Section Grey		2.3 Thick	3700	40.77	138	7590	
3	I-Section Grey		2.3 Thick	3888	40.77	152	8360	
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Results can also be seen on website 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

10662

Dr. M. Yousaf

To: **Muhammad Tahir Yaseen**

Elco Enterprises, Lahore

Project: Construction of Allied Bank Limited at High Street Branch, Sahiwal (0352), (Columns Pouring Plinth Beams to 1st Floor Level)

Our Ref. No. CL/CED/

979

Dated:

16-10-20

Your Ref. No.

Nil

Dated:

09-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 09-10-20 Tested on: 16-10-20 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	3500 psi	11	9	2020	6Diax12	13	28.28	43	3410	Non Engraved
2	3500 psi	11	9	2020	6Diax12	13	28.28	37	2940	Non Engraved
3	3500 psi	11	9	2020	6Diax12	13.4	28.28	40	3170	Non Engraved
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10679

Dr. M. Yousaf

To: **Muhammad Tahir Yaseen**
Elco Enterprises, Lahore

Project: Construction of Allied Bank Limited at High Street Branch, Sahiwal (0352), (Strong Room Wall)

Our Ref. No. CL/CED/ 980 Dated: 16-10-20

Your Ref. No. Nil Dated: 12-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 12-10-20 Tested on: 16-10-20 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	14	9	2020	6Diax12	13	28.28	63	4990	Non Engraved
2	3000 psi	14	9	2020	6Diax12	13.2	28.28	43	3410	Non Engraved
3	3000 psi	14	9	2020	6Diax12	13	28.28	37	2940	Non Engraved
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10664

Dr. M. Yousaf

To: Project Manager (Orchard Mall)
Q-Links Property Management Pvt. Ltd. Lhr.
Project: Construction of Orchard Mall, Bahria Orchard, Lahore

Our Ref. No. CL/CED/ 981 Dated: 16-10-20

Your Ref. No. QLPM-OM-17 Dated: 07-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 09-10-20 Tested on: 16-10-20 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	Slab (3000 psi)	27	9	2020	6Diax12	14	28.28	29	2300	Non Engraved
2	Slab (3000 psi)	27	9	2020	6Diax12	14	28.28	28	2220	Non Engraved
3	Slab (3000 psi)	27	9	2020	6Diax12	14	28.28	27	2140	Non Engraved
4	SOG (3000 psi)	2	10	2020	6Diax12	14	28.28	34	2700	Non Engraved
5	SOG (3000 psi)	2	10	2020	6Diax12	13.6	28.28	30	2380	Non Engraved
6	Column (5000 Psi)	2	10	2020	6Diax12	14.4	28.28	53	4200	Non Engraved
7	Column (5000 Psi)	2	10	2020	6Diax12	14.6	28.28	62	4920	Non Engraved
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10666

Dr. M. Yousaf

To: Riaz Ahmad
Rana Associates, Lahore
Project: Sonica Heights (18-C, Gulberg Lhr)

Our Ref. No. CL/CED/ 982 Dated: 16-10-20

Your Ref. No. Nil Dated: 09-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 09-10-20 Tested on: 16-10-20 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	Columns (4000 psi)	4	9	2020	6Diax12	14.2	28.28	57	4520	Non Engraved
2	Columns (4000 psi)	4	9	2020	6Diax12	14	28.28	79	6260	Non Engraved
3	Slab (3500 psi)	12	9	2020	6Diax12	14.2	28.28	79	6260	Non Engraved
4	Slab (3500 psi)	12	9	2020	6Diax12	15	28.28	73	5790	Non Engraved
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10669

To: **Assistant Executive Engineer**

Dr. M. Yousaf

KBCMA, CVAS, Narowal

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

Our Ref. No. CL/CED/

983

Dated:

16-10-20

Your Ref. No.

AEE/NC/015

Dated:

29-09-20

COMPRESSION TEST REPORT

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

Specimens received on: 09-10-20 Tested on: 16-10-20 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	Footings (1 : 2 : 4)	31	8	2020	6Diax12	14	28.28	41	3250	Engraved
2	Footings (1 : 2 : 4)	31	8	2020	6Diax12	14	28.28	43	3410	Engraved
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10675

Dr. M. Yousaf

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/

984

Dated:

16-10-20

Your Ref. No.

AAA/24A/0021

Dated:

12-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 12-10-20 Tested on: 16-10-20 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	5000 Psi	4	10	2020	6Diax12	13.6	28.28	40	3170	Non Engraved
2	5000 Psi	4	10	2020	6Diax12	13.8	28.28	43	3410	Non Engraved
3	5000 Psi	4	10	2020	6Diax12	13.6	28.28	62	4920	Non Engraved
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Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
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Phone Nos. 042-99029202, 042-99029217

10678

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

Dr. M. Yousaf

P-156 Gulberg II, Lahore

Project: Construction of P-156 Gulberg II, Lahore

Our Ref. No. CL/CED/

985

Dated:

16-10-20

Your Ref. No.

P-156-147

Dated:

12-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 12-10-20 Tested on: 16-10-20 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	588 (4500 Psi)	3	10	2020	6Diax12	14.8	28.28	68	5390	Non Engraved
2	589 (4500 Psi)	3	10	2020	6Diax12	14.8	28.28	69	5470	Non Engraved
3	590 (4500 Psi)	3	10	2020	6Diax12	14	28.28	69	5470	Non Engraved
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Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

10678
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/ 986 Dated: 16-10-20

Your Ref. No. P-156-148 Dated: 12-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 12-10-20 Tested on: 16-10-20 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	552 (3000 Psi)	13	9	2020	6Diax12	14	28.28	43	3410	Non Engraved
2	554 (3000 Psi)	13	9	2020	6Diax12	14.2	28.28	38	3010	Non Engraved
3	555 (3000 Psi)	13	9	2020	6Diax12	14.2	28.28	40	3170	Non Engraved
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Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

10698

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/ 987 Dated: 16-10-20

Your Ref. No. P-156-149 Dated: 14-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 15-10-20 Tested on: 16-10-20 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	596 (4500 Psi)	7	10	2020	6Diax12	14.4	28.28	58	4600	Non Engraved
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10698

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

Dr. M. Yousaf

P-156 Gulberg II, Lahore

Project: Construction of P-156 Gulberg II, Lahore

Our Ref. No. CL/CED/

988

Dated:

16-10-20

Your Ref. No.

P-156-150

Dated:

14-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 15-10-20 Tested on: 16-10-20 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	600 (3000 Psi)	7	10	2020	6Diax12	14.2	28.28	43	3410	Non Engraved
2	602 (3000 Psi)	7	10	2020	6Diax12	14	28.28	46	3650	Non Engraved
3	604 (3000 Psi)	7	10	2020	6Diax12	14	28.28	39	3090	Non Engraved
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Department of Civil Engineering
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10698

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

Dr. M. Yousaf

P-156 Gulberg II, Lahore

Project: Construction of P-156 Gulberg II, Lahore

Our Ref. No. CL/CED/

989

Dated:

16-10-20

Your Ref. No.

P-156-151

Dated:

14-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 15-10-20 Tested on: 16-10-20 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	557 (3000 Psi)	17	9	2020	6Diax12	14.6	28.28	61	4840	Non Engraved
2	558 (3000 Psi)	17	9	2020	6Diax12	14	28.28	58	4600	Non Engraved
3	562 (3000 Psi)	17	9	2020	6Diax12	14	28.28	57	4520	Non Engraved
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Department of Civil Engineering
University of Engineering and Technology, Lahore
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10683

Dr. M. Yousaf

To: Tahir Mehmood
Hasnain Builders, Lahore
Project: G.F Slab at Old City SchoolGawal Mandi Lahore (F.Floor Slab)

Our Ref. No. CL/CED/ 990 Dated: 16-10-20

Your Ref. No. Nil Dated: 12-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 12-10-20 Tested on: 16-10-20 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	3000 Psi	11	9	2020	6Diax12	13.4	28.28	38	3010	Non Engraved
2	3000 Psi	11	9	2020	6Diax12	13.2	28.28	39	3090	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/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"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