



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

1036

Dr. M. Yousaf

To: **Sub Divisional Officer,**

Building Sub Division No. 15 , Lahore.

Project: Construction of New Administration Block in Premises of Lahore High Court , Lahore.

Our Ref. No. CL/CED/ 3259 Dated: 31-05-21

Your Ref. No. No.359 Dated: 07-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 09-04-21 Tested on: 28-05-2021 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	ASF-1A		4.5x4.5x3.1	1690	20.25	35	3880	
2	ASF-1B		4.4x4.5x3.1	1679	19.8	46	5210	
3	ASF-2C		4.5x4.5x3.0	1649	20.25	48	5310	
4	ASF-2D		4.5x4.5x3.0	1664	20.25	40	4430	
5	ASF-3E		4.5x4.5x3.0	1641	20.25	41	4540	
6	ASF-3F		4.4x4.5x3.0	1651	19.8	42	4760	
7	ASF-4G		4.4x4.5x2.9	1586	19.8	39	4420	
8	ASF-4H		4.5x4.5x2.9	1579	20.25	39	4320	
9	ASF-5I		4.4x4.5x3.0	1660	19.8	39	4420	
10	ASF-5J		4.5x4.5x3.0	1664	20.25	44	4870	
11								
12								
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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" 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



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1036

Dr. M. Yousaf

To: **Sub Divisional Officer,**

Building Sub Division No. 15 , Lahore.

Project: Construction of New Administration Block in Premises of Lahore High Court , Lahore.

Our Ref. No. CL/CED/

3260

Dated:

31-05-21

Your Ref. No.

No.360

Dated:

07-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 09-04-21 Tested on: 28-05-2021 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	PSK-1A		4.4x4.5x3.1	1669	19.8	38.5	4360	
2	PSK-1B		4.5x4.5x3.1	1684	20.25	32	3540	
3	PSK-2C		4.5x4.4x3.0	1674	19.8	32	3620	
4	PSK-2D		4.5x4.5x3.0	1686	20.25	25	2770	
5	PSK-3E		4.5x4.4x3.0	1690	19.8	33	3740	
6	PSK-3F		4.5x4.5x3.0	1669	20.25	35	3880	
7	PSK-4G		4.4x4.5x3.1	1702	19.8	26	2950	
8	PSK-4H		4.5x4.5x3.1	1713	20.25	32	3540	
9	PSK-5 I		4.5x4.5x3.0	1681	20.25	33	3650	
10	PSK-5J		4.5x4.5x3.0	1667	20.25	34	3770	
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16								

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Dr. M. Yousaf

To: **Sub Divisional Officer,**

Building Sub Division No. 15 , Lahore.

Project: Construction of New Administration Block in Premises of Lahore High Court , Lahore.

Our Ref. No. CL/CED/ 3261 Dated: 31-05-21

Your Ref. No. No.357 Dated: 07-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 09-04-21 Tested on: 28-05-2021 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	S-1A		4.5x4.5x3.0	1729	20.25	49	5420	
2	S-1B		4.5x4.5x3.0	1716	20.25	16	1770	
3	S-2C		4.5x4.5x2.9	1626	20.25	17	1880	
4	S-2D		4.5x4.5x2.9	1608	20.25	14	1550	
5	S-3E		4.4x4.5x3.0	1686	19.8	40	4530	
6	S-3F		4.5x4.5x3.0	1678	20.25	26	2880	
7	S-4G		4.5x4.5x2.9	1752	20.25	14	1550	
8	S-4H		4.4x4.5x2.9	1739	19.8	22	2490	
9	S-5I		4.5x4.5x3.0	1702	20.25	49	5420	
10	S-5J		4.5x4.5x3.0	1689	20.25	20	2220	
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12								
13								
14								
15								
16								

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1036

Dr. M. Yousaf

To: **Sub Divisional Officer,**

Building Sub Division No. 15 , Lahore.

Project: Construction of New Administration Block in Primises of Lahore High Court , Lahore.

Our Ref. No. CL/CED/

3262

Dated:

31-05-21

Your Ref. No.

No.358

Dated:

07-04-21

COMPRESSION TEST REPORT

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

Specimens received on:

09-04-21

Tested on:

28-05-2021

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	512-1A		4.5x4.5x2.9	1682	20.25	12	1330	
2	512-1B		4.5x4.5x2.9	1686	20.25	15	1660	
3	512-2C		4.4x4.5x2.9	1630	19.8	16	1810	
4	512-2D		4.5x4.5x2.9	1635	20.25	15	1660	
5	512-3E		4.5x4.5x3.0	1702	20.25	15	1660	
6	512-3F		4.5x4.5x3.0	1689	20.25	21	2330	
7	512-4G		4.4x4.5x2.9	1659	19.8	15	1700	
8	512-4H		4.5x4.4x2.9	1668	19.8	15	1700	
9	512-5I		4.5x4.5x3.0	1643	20.25	16	1770	
10	512-5J		4.5x4.5x3.0	1671	20.25	21	2330	
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13								
14								
15								
16								

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1283
Dr. Aqsa

To: Mr. Ahmad Fawad
M/s AA & Associates, Lahore.
Project: Construction of MCB Kot Momin

Our Ref. No. CL/CED/ 3263 Dated: 31-05-21
Your Ref. No. Nil Dated: 25-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 25-05-21 Tested on: 27-05-2021 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	29	3	2021	6Diax12	13	28.28	48	3810	Non Engraved
2	Columns	29	3	2021	6Diax12	13.6	28.28	45	3570	Non Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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1260
Dr.Aqsa

To: Mr. Umair Maqsood (Sub Divisional Officer)
Building Sub Division, Assembly, Lahore.

Project: Re-Construction of PIPAL House A-Block, Lahore (ADP No. 3427 for the Year 2020-21)

Our Ref. No. CL/CED/ 3264 Dated: 31-05-21

Your Ref. No. No.376 Dated: 21-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 24-05-21 Tested on: 27-05-2021 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 Beam (1:2:4)	29	4	2021	6Diax12	14.4	28.28	66	5230	Non Engraved
2	Footing Beam (1:2:4)	29	4	2021	6Diax12	14.2	28.28	38	3010	Non Engraved
3	Footing Beam (1:2:4)	29	4	2021	6Diax12	14.4	28.28	41	3250	Non Engraved
4										
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16										

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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

1260
Dr.Aqsa

To: **Mr. Umair Maqsood (Sub Divisional Officer)**

Building Sub Division, Assembly, Lahore.

Project: Re-Construction of PIPAL House A-Block, Lahore (ADP No. 3427 for the Year 2020-21)

Our Ref. No. CL/CED/ 3265 Dated: 31-05-21

Your Ref. No. No.375 Dated: 21-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 24-05-21 Tested on: 27-05-2021 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 Beam (1:2:4)	28	4	2021	6Diax12	14.2	28.28	46	3650	Non Engraved
2	Footing Beam (1:2:4)	28	4	2021	6Diax12	14.2	28.28	59	4680	Non Engraved
3	Footing Beam (1:2:4)	28	4	2021	6Diax12	14.2	28.28	45	3570	Non Engraved
4										
5										
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15										
16										

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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

1260

Dr. M. Yousaf

To: **Mr. Umair Maqsood (Sub Divisional Officer)**

Building Sub Division, Assembly, Lahore.

Project: Re-Construction of PIPAL House A-Block, Lahore (ADP No. 3427 for the Year 2020-21)

Our Ref. No. CL/CED/ 3266 Dated: 31-05-21

Your Ref. No. No.374 Dated: 21-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 24-05-21 Tested on: 27-05-2021 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	Raft (1:2:4)	25	4	2021	6Diax12	14	28.28	40	3170	Non Engraved
2	Raft (1:2:4)	25	4	2021	6Diax12	13.6	28.28	39	3090	Non Engraved
3	Raft (1:2:4)	25	4	2021	6Diax12	13.6	28.28	44	3490	Non Engraved
4										
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11										
12										
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14										
15										
16										

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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

1275
Dr.Aqsa

To: **Mr. Ubaidullah (Mananger Projects)**
SA Gardens Kala Shah Kaku
Project: Nil

Our Ref. No. CL/CED/ 3267 Dated: 31-05-21

Your Ref. No. SA/PM/Dev/211 Dated: 18-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 25-05-21 Tested on: 27-05-2021 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	CEO Office (Roof 1st)	19	4	2021	6x6x6	8.6	36	54	3360	Non Engraved
2	CEO Office (Roof 1st)	19	4	2021	6x6x6	8.4	36	58	3610	Non Engraved
3	CEO Office (Roof 1st)	19	4	2021	6x6x6	8.6	36	56	3490	Non Engraved
4	Marquee (Front Roof)	19	3	2021	6x6x6	8.2	36	78	4860	Non Engraved
5	Marquee (Front Roof)	19	3	2021	6x6x6	8.4	36	69	4300	Non Engraved
6	Marquee (Front Roof)	19	3	2021	6x6x6	8.2	36	74	4610	Non Engraved
7	Extention Office (Foundation)	5	3	2021	6x6x6	8.6	36	110	6850	Non Engraved
8	Extention Office (Foundation)	5	3	2021	6x6x6	8.4	36	112	6970	Non Engraved
9	Extention Office (Foundation)	5	3	2021	6x6x6	8.6	36	122	7600	Non Engraved
10	Amphitheater	20	3	2021	6x6x6	8.6	36	74	4610	Non Engraved
11	Amphitheater	20	3	2021	6x6x6	8.4	36	70	4360	Non Engraved
12	Amphitheater	20	3	2021	6x6x6	8.8	36	79	4920	Non Engraved
13	Amphitheater	14	3	2021	6x6x6	8.6	36	68	4240	Non Engraved
14	Amphitheater	14	3	2021	6x6x6	8.2	36	103	6410	Non Engraved
15	Amphitheater	14	3	2021	6x6x6	8.6	36	107	6660	Non Engraved
16										

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supervisor(lab)

Director/Dy. Director Concrete Laboratory