



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

9231

To: **Maj. @ Muhammad Mubashar, Project Engineer**

Dr. M. Yousaf

Deedar Developers Pvt. Ltd. Pearl One 94-B/1, MM Alam Road, Gulberg III, Lahore.

Project: Construction of Zameen Opal, Plot No.16, Sector-A, Land Breeze Housing Society, Raiwind Road, Lahore.

Our Ref. No. CL/CED/ 8983-1 of 2 Dated: 04-10-19

Your Ref. No. ZD/ZO/L/011 Dated: 24-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 24-09-19 Tested on: 01-10-19 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	Piles	18	7	2019	6Diax12	13.8	28.28	30.5	2380	Non Engraved
2	Piles	18	7	2019	6Diax12	13.4	28.28	59	4600	Non Engraved
3	Piles	18	7	2019	6Diax12	13.6	28.28	55.5	4330	Non Engraved
4	Piles	19	7	2019	6Diax12	14	28.28	67.5	5270	Non Engraved
5	Piles	19	7	2019	6Diax12	13.8	28.28	64.5	5030	Non Engraved
6	Piles	19	7	2019	6Diax12	13.4	28.28	61.5	4800	Non Engraved
7	Piles	22	7	2019	6Diax12	14	28.28	67	5230	Non Engraved
8	Piles	22	7	2019	6Diax12	14	28.28	55.5	4330	Non Engraved
9	Piles	22	7	2019	6Diax12	13.5	28.28	61	4760	Non Engraved
10	Piles	23	7	2019	6Diax12	13.7	28.28	53.5	4170	Non Engraved
11	Piles	23	7	2019	6Diax12	13.8	28.28	55.5	4330	Non Engraved
12	Piles	23	7	2019	6Diax12	13.5	28.28	56	4370	Non Engraved
13	Piles	29	7	2019	6Diax12	13.5	28.28	63	4910	Non Engraved
14	Piles	29	7	2019	6Diax12	13.4	28.28	63	4910	Non Engraved
15	Piles	29	7	2019	6Diax12	13.6	28.28	49.5	3860	Non Engraved
16										

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" 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

9231

To: **Maj. @ Muhammad Mubashar, Project Engineer**

Dr. M. Yousaf

Deevar Developers Pvt. Ltd. Pearl One 94-B/1, MM Alam Road, Gulberg III, Lahore.

Project: Construction of Zameen Opal, Plot No.16, Sector-A, Land Breeze Housing Society, Raiwind Road, Lahore.

Our Ref. No. CL/CED/ 8983-2 of 2 Dated: 04-10-19

Your Ref. No. ZD/ZO/L/011 Dated: 24-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 24-09-19 Tested on: 01-10-19 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	Piles	31	7	2019	6Diax12	13.6	28.28	55.5	4330	Non Engraved
2	Piles	31	7	2019	6Diax12	13.4	28.28	54	4210	Non Engraved
3	Piles	31	7	2019	6Diax12	13.4	28.28	62	4840	Non Engraved
4	Piles	3	8	2019	6Diax12	14	28.28	54.5	4250	Non Engraved
5	Piles	3	8	2019	6Diax12	13.8	28.28	63	4910	Non Engraved
6	Piles	4	8	2019	6Diax12	13.8	28.28	57	4450	Non Engraved
7	Piles	4	8	2019	6Diax12	13.6	28.28	48	3750	Non Engraved
8	Piles	4	8	2019	6Diax12	13.6	28.28	63.5	4950	Non Engraved
9	Piles	6	8	2019	6Diax12	14	28.28	64.5	5030	Non Engraved
10	Piles	6	8	2019	6Diax12	14	28.28	70	5460	Non Engraved
11	Piles	6	8	2019	6Diax12	14	28.28	64	4990	Non Engraved
12	Piles	7	8	2019	6Diax12	13.8	28.28	54	4210	Non Engraved
13	Piles	7	8	2019	6Diax12	13.2	28.28	42.5	3320	Non Engraved
14	Piles	7	8	2019	6Diax12	14	28.28	54.5	4250	Non Engraved
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments?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

9255

Engr. Ubaid

To: **Maj. @ Mansoor Khaliq, General Manager**

H. Sadar Ali Akhtar Ali (Pvt.) Ltd. Halloki, Lahore. 14 G.T Road, Hide Market, Lahore.

Project: Water Treatment Plant (H. Sadar Ali Akhtar Ali (Pvt.) Ltd. Halloki, Lahore.).

Our Ref. No. CL/CED/ 8984 Dated: 04-10-19

Your Ref. No. Nil Dated: 27-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 30-09-19 Tested on: 02-10-19 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	4000 Psi	21	9	2019	6Diax12	13.8	28.28	39.8	3110	Non Engraved
2	4000 Psi	21	9	2019	6Diax12	13.8	28.28	42.3	3300	Non Engraved
3	4000 Psi	21	9	2019	6Diax12	13.8	28.28	39.3	3070	Non Engraved
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/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

9229

To: **Zikria Construction Company.**

Dr. M. Yousaf

2nd F. Al-Murtaza Plaza 1-A, Block B, Pak Arab Housing Scheme 17 Km Ferozpur Road, Lahore.

Project: Construction of Beaconhouse School Building (A-levels Faisalabad).

Our Ref. No. CL/CED/ 8985 Dated: 04-10-19

Your Ref. No. Nil Dated: 23-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 23-09-19 Tested on: 01-10-19 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	Column L.W.S.F	16	7	2019	6Diax12	13	28.28	23	1800	Engraved
2										
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/departments?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

9229

To: **Zikria Construction Company.**

Dr. M. Yousaf

2nd F. Al-Murtaza Plaza 1-A, Block B, Pak Arab Housing Scheme 17 Km Ferozpur Road, Lahore.

Project: Construction of Beaconhouse School Building (A-levels Faisalabad).

Our Ref. No. CL/CED/ 8986 Dated: 04-10-19

Your Ref. No. Nil Dated: 23-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 23-09-19 Tested on: 01-10-19 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	Column R.W.F.F	16	7	2019	6Diax12	14	28.28	72	5620	Engraved
2										
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/departments?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

9229

To: **Zikria Construction Company.**

Dr. M. Yousaf

2nd F. Al-Murtaza Plaza 1-A, Block B, Pak Arab Housing Scheme 17 Km Ferozpur Road, Lahore.

Project: Construction of Beaconhouse School Building (A-levels Faisalabad).

Our Ref. No. CL/CED/ 8987 Dated: 04-10-19

Your Ref. No. Nil Dated: 23-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 23-09-19 Tested on: 01-10-19 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
		Day	Month	Year						
1	S-04	25	7	2019	6Diax12	14	28.28	39.5	3080	Engraved
2										
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/departments?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

9229

To: **Zikria Construction Company.**

Dr. M. Yousaf

2nd F. Al-Murtaza Plaza 1-A, Block B, Pak Arab Housing Scheme 17 Km Ferozpur Road, Lahore.
Project: Construction of Beaconhouse School Building (A-levels Faisalabad).

Our Ref. No. CL/CED/ 8988 Dated: 04-10-19

Your Ref. No. Nil Dated: 23-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 23-09-19 Tested on: 01-10-19 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	S-04	25	7	2019	6Diax12	13	28.28	32	2500	Engraved
2										
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/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

9229

To: **Zikria Construction Company.**

Dr. M. Yousaf

2nd F. Al-Murtaza Plaza 1-A, Block B, Pak Arab Housing Scheme 17 Km Ferozpur Road, Lahore.
Project: Construction of Beaconhouse School Building (A-levels Faisalabad).

Our Ref. No. CL/CED/ 8989 Dated: 04-10-19

Your Ref. No. Nil Dated: 23-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 23-09-19 Tested on: 01-10-19 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
		9	8	2019						
1	S-06	9	8	2019	6Diax12	12.2	28.28	25	1950	Engraved
2										
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/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" 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

9229

To: **Zikria Construction Company.**

Dr. M. Yousaf

2nd F. Al-Murtaza Plaza 1-A, Block B, Pak Arab Housing Scheme 17 Km Ferozpur Road, Lahore.
Project: Construction of Beaconhouse School Building (A-levels Faisalabad).

Our Ref. No. CL/CED/ 8990 Dated: 04-10-19

Your Ref. No. Nil Dated: 23-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 23-09-19 Tested on: 01-10-19 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	S-05	6	8	2019	6Diax12	13.2	28.28	39.5	3080	Engraved
2										
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/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" 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

9229

To: **Zikria Construction Company.**

Dr. M. Yousaf

2nd F. Al-Murtaza Plaza 1-A, Block B, Pak Arab Housing Scheme 17 Km Ferozpur Road, Lahore.

Project: Construction of Beaconhouse School Building (A-levels Faisalabad).

Our Ref. No. CL/CED/ 8991 Dated: 04-10-19

Your Ref. No. Nil Dated: 23-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 23-09-19 Tested on: 01-10-19 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	S-05	6	8	2019	6Diax12	14	28.28	65	5070	Engraved
2										
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" 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

9228

To: (Syed Nabeel Hassan), Resident Engineer

Engr. Aamina

NESPAK (Pvt) Ltd. Construction Management Division. (M/s Modern Construction Co.)

Project: Rehabilitation Works under Community Development Program (CDP) 2018-19. Rehabilitation / Carpeting of Tepu Road Nabi Pura & Link Streets Gulberg-III, Lahore.

Our Ref. No. CL/CED/ 8992 Dated: 04-10-19

Your Ref. No. 4047- R/13/SNH/07/MCC/039 Dated: 26-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 23-09-19 Tested on: 02-10-19 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		7.7x3.8x2.9	3738	29.26	118	9040	
2	Rectangular Grey		7.7x3.8x3.0	3772	29.26	109	8350	
3	Rectangular Grey		7.7x3.8x2.9	3717	29.26	130	9960	
4	Rectangular Red		7.7x3.8x2.9	3695	29.26	144	11030	
5	Rectangular Red		7.7x3.8x2.8	3641	29.26	126	9650	
6	Rectangular Red		7.7x3.8x2.9	3583	29.26	116	8880	
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

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

9230

To: **Umair Latif, Development Engineer**
University of the Punjab Office of the Chief Engineer. (M/s Excellent Builders).
Project: Construction of Bus Shed at M.T Park at QAC.

Engr. A. Rehman

Our Ref. No. CL/CED/ 8993 Dated: 04-10-19

Your Ref. No. D-72-DE Dated: 24-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 24-09-19 Tested on: 03-10-19 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	(1:2:4), Footing	26	8	2019	6x6x6	9.4	36	50	3120	Non Engraved
2	(1:2:4), Footing	26	8	2019	6x6x6	9.2	36	49	3050	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/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

9235

To: **M. Zohaib Saleem, CEO**

Engr. A. Rehman

Montgomery Construction Co. Plot No.46 Umer Block Shadab Town, Sahiwal.

Project: Alam Bashir Cancer Centre GHQA Teaching Hospital Sahiwal.

Our Ref. No. CL/CED/ 8994 Dated: 04-10-19

Your Ref. No. Nil Dated: 25-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 25-09-19 Tested on: 03-10-19 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
		1	7	2019						
1		1	7	2019	6x6x6	8.6	36	110	6850	Engraved
2		3	7	2019	6x6x6	8.8	36	71	4420	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/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" 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