



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

10028
Dr. Aqsa

To: M/s Zaron Construction Services
Office # 251, Hill View Avenue Adyala Road, Rawalpindi
Project: PSO

Our Ref. No. CL/CED/ 9992 Dated: 05-03-20
Your Ref. No. Nil Dated: 28-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 28-02-20 Tested on: 03-03-20 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		20	2	2020	6x6x6	8.2	36	39	2390	Engraved
2		20	2	2020	6x6x6	8.4	36	29	1780	Engraved
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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

10031
Dr. Aqsa

To: Muhammad Essa (Chief Financial Officer)
Markhor Developers (Pvt.) Ltd. Lahore
Project: Construction of 75-Shadman-I, Lahore (Strong Ready Mix)

Our Ref. No. CL/CED/ 9993 Dated: 05-03-20
Your Ref. No. Nil Dated: 02-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 02-03-20 Tested on: 03-03-20 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	Raft (4500 Psi)	2	2	2020	6Diax12	14.4	28.28	64	4990	Non Engraved
2	Raft (4500 Psi)	2	2	2020	6Diax12	14	28.28	71	5540	Non Engraved
3	Raft (4500 Psi)	2	2	2020	6Diax12	14.2	28.28	70	5460	Non Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

10031
Dr. Aqsa

To: Muhammad Essa (Chief Financial Officer)
Markhor Developers (Pvt.) Ltd. Lahore
Project: Construction of 75-Shadman-I, Lahore (Tetra Engineering (Pvt.) Ltd.)

Our Ref. No. CL/CED/ 9994 Dated: 05-03-20
Your Ref. No. Nil Dated: 02-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 02-03-20 Tested on: 03-03-20 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	Raft (4500 Psi)	2	2	2020	6Diax12	14	28.28	78	6080	Non Engraved
2	Raft (4500 Psi)	2	2	2020	6Diax12	14	28.28	75	5850	Non Engraved
3	Raft (4500 Psi)	2	2	2020	6Diax12	14.6	28.28	86	6710	Non Engraved
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Director/Dy. Director Concrete Laboratory



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University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

10031
Dr. Aqsa

To: Muhammad Essa (Chief Financial Officer)
Markhor Developers (Pvt.) Ltd. Lahore
Project: Construction of 75-Shadman-I, Lahore (Strong Ready Mix)

Our Ref. No. CL/CED/ 9995 Dated: 05-03-20

Your Ref. No. Nil Dated: 02-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 02-03-20 Tested on: 03-03-20 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	Column & Shear Wall (6000 Psi)	22	2	2020	6Diax12	14.6	28.28	64	4990	Non Engraved
2	Column & Shear Wall (6000 Psi)	22	2	2020	6Diax12	14.2	28.28	73	5690	Non Engraved
3	Column & Shear Wall (6000 Psi)	22	2	2020	6Diax12	14	28.28	75	5850	Non 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

10034
Dr. Aqsa

To: Project Engineer (GMP)
Ghosia Builders (Pvt.) Ltd. Lahore
Project: Nil

Our Ref. No. CL/CED/ 9996 Dated: 05-03-20
Your Ref. No. Nil Dated: 02-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 02-03-20 Tested on: 05-03-20 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		12	2	2020	6Diax12	14.2	28.28	74	5770	Engraved
2		12	2	2020	6Diax12	14.2	28.28	78	6080	Engraved
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Phone Nos. 042-99029202, 042-99029217

10034
Dr. Aqsa

To: Project Engineer (GMP)
Ghosia Builders (Pvt.) Ltd. Lahore
Project: Nil

Our Ref. No. CL/CED/ 9997 Dated: 05-03-20
Your Ref. No. Nil Dated: 02-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 02-03-20 Tested on: 05-03-20 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		23	1	2020	6Diax12	14	28.28	71	5540	Engraved
2		23	1	2020	6Diax12	14.1	28.28	88	6860	Engraved
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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

10032
Dr. Aqsa

To: **Sub Divisional Officer**

Public Health Engg: Sub Division, Gojra

Project: Provision of Laying Tuff Tiles, Sewerage and Nallahs in Gojra City Distt: Toba Tek Singh

Our Ref. No. CL/CED/ 9998 Dated: 05-03-20

Your Ref. No. 136/G Dated: 21-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 02-03-20 Tested on: 03-03-20 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	Rectangular Grey		7.7x3.7x2.2	2680	28.49	131	10140	
2	Rectangular Grey		7.7x3.7x2.2	2703	28.49	130	10060	
3	Rectangular Grey		7.7x3.7x2.2	2692	28.49	135	10450	
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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

10032
Dr. Aqsa

To: **Sub Divisional Officer**

Public Health Engg: Sub Division, Gojra

Project: Provision of Laying Tuff Tiles, Sewerage and Nallahs in Gojra City Distt: Toba Tek Singh

Our Ref. No. CL/CED/ 9999 Dated: 05-03-20

Your Ref. No. 138/G Dated: 22-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 02-03-20 Tested on: 03-03-20 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	Rectangular Grey		7.7x3.7x2.2	2693	28.49	135	10450	
2	Rectangular Grey		7.7x3.7x2.2	2689	28.49	120	9290	
3	Rectangular Grey		7.7x3.7x2.2	2674	28.49	111	8590	
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Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

10033
Dr. Aqsa

To: Umair Latif (Development Engineer)
University of the Punjab, Lahore (M/s Global Engineers & Contractors)
Project: The Construction of Madrasa for Masjid at QAC

Our Ref. No. CL/CED/ 10000 Dated: 05-03-20
Your Ref. No. D-183-DE Dated: 29-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 02-03-20 Tested on: 03-03-20 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	(1 : 2 : 4)	23	1	2020	6x6x6	9	36	42	2580	Non Engraved
2	(1 : 2 : 4)	23	1	2020	6x6x6	9	36	46	2820	Non Engraved
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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

10040
Dr. Aqsa

To: **M/s Zaron Construction Services**
Office # 251, Hill View Avenue Adyala Road, Rawalpindi
Project: PSO

Our Ref. No. CL/CED/ 1 Dated: 05-03-20
Your Ref. No. Nil Dated: 03-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 03-03-20 Tested on: 05-03-20 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		24	2	2020	6x6x6	8.2	36	50	3070	Engraved
2		24	2	2020	6x6x6	8.2	36	32	1960	Engraved
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