



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

10086

Dr. M. Yousaf

To: **Yasir Mahmud, CEO YASCON**

Yascon Center, Chenab Rangers Road, Opposite Kent Housing, Sialkot.

Project: Garrison Academy 204 Bridge Co Gwa Cantt (RD Office Gwa Cantt).

Our Ref. No. CL/CED/

50

Dated:

28-04-20

Your Ref. No.

YAS/UET/08/11

Dated:

06-03-20

COMPRESSION TEST REPORT

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

Specimens received on:

12-03-20

Tested on:

23-04-20

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	RCC Foundation	11	2	2020	6Diax12	13.2	28.28	25	1980	Non Engraved
2	RCC Foundation	11	2	2020	6Diax12	13	28.28	22	1750	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departament?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

10086

Dr. M. Yousaf

To: **Yasir Mahmud, CEO YASCON**

Yascon Center, Chenab Rangers Road, Opposite Kent Housing, Sialkot.

Project: Garrison Academy 204 Bridge Co Gwa Cantt (Multi Purpose Hall Gwa Cantt).

Our Ref. No. CL/CED/ 51 Dated: 28-04-20

Your Ref. No. YAS/UET/07/11 Dated: 06-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 12-03-20 Tested on: 23-04-20 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	RCC Foundation	9	2	2020	6Diax12	13.2	28.28	43	3410	Non Engraved
2	RCC Foundation	9	2	2020	6Diax12	13	28.28	45	3570	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

10088

To: **Muhammad Naseer**

Dr. M. Yousaf

0

Project: Construction of House at 168-H-DHA V, Lahore.

Our Ref. No. CL/CED/ 52 Dated: 28-04-20

Your Ref. No. Nil Dated: 13-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 13-03-20 Tested on: 23-04-20 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	2	2020	6Diax12	14	28.28	51	4040	Non Engraved
2		14	2	2020	6Diax12	13.8	28.28	53	4200	Non Engraved
3		14	2	2020	6Diax12	13.6	28.28	50	3960	Non Engraved
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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

10063

Dr. Umbreen

To: (Ch. Liaqat Ali), Resident Engineer
G3 Engineering Consultant (Pvt) Ltd.
Project: Consult. Services for Resident Constt. Supervision of Provision of Missing Specialties for Up
Gradation of DHQ Hospital to Teaching Hospital Gwa. (Group 1). (Mumty Slab 6th Floor Main Ramp Block).

Our Ref. No. CL/CED/ 53 Dated: 28-04-20

Your Ref. No. G3/205/1157 Dated: 02-01-20

COMPRESSION TEST REPORT

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

Specimens received on: 09-03-20 Tested on: 22-04-20 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	(1:2:4)	15	11	2019	6Diax12	13.4	28.28	43	3410	Non Engraved
2	(1:2:4)	15	11	2019	6Diax12	13.4	28.28	47	3730	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

10063

Dr. Umbreen

To: (Ch. Liaqat Ali), Resident Engineer

G3 Engineering Consultant (Pvt) Ltd.

Project: Consult. Services for Resident Constt. Supervision of Provision of Missing Specialties for Up Gradation of DHQ Hospital to Teaching Hospital Gwa. (Group 1). (Mumty Column 6th Floor Main Ramp Block).

Our Ref. No. CL/CED/

54

Dated:

28-04-20

Your Ref. No.

G3/205/1151

Dated:

02-12-19

COMPRESSION TEST REPORT

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

Specimens received on: 09-03-20 Tested on: 22-04-20 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	(1:1.5:3)	20	10	2019	6Diax12	13.8	28.28	73	5790	Engraved
2	(1:1.5:3)	20	10	2019	6Diax12	14	28.28	61	4840	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

10082

To: Muhammad Essa (Chief Financial Officer)
Markhor Developers (Pvt) Ltd. 68-Shadman-Colony, Phase-I, Lahore.
Project: Construction of 75-Shadman-I, Lahore. (Strong Ready Mix).

Dr. M. Yousaf

Our Ref. No. CL/CED/ 55 Dated: 28-04-20

Your Ref. No. Nil Dated: 09-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 12-03-20 Tested on: 27-04-20 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	(6000 Psi) Column	8	2	2020	6Diax12	14	28.28	83	6580	Non Engraved
2	(6000 Psi) Column	8	2	2020	6Diax12	13.8	28.28	78	6180	Non Engraved
3	(6000 Psi) Column	8	2	2020	6Diax12	14.4	28.28	94	7450	Non Engraved
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**** 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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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

10082
Dr. M. Yousaf

To: Muhammad Essa (Chief Financial Officer)
Markhor Developers (Pvt) Ltd. 68-Shadman-Colony, Phase-I, Lahore.
Project: Construction of 75-Shadman-I, Lahore. (Strong Ready Mix).

Our Ref. No. CL/CED/ 56 Dated: 28-04-20
Your Ref. No. Nil Dated: 09-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 12-03-20 Tested on: 27-04-20 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	(5500 Psi) RCC Wall	8	2	2020	6Diax12	14	28.28	75	5950	Non Engraved
2	(5500 Psi) RCC Wall	8	2	2020	6Diax12	14.2	28.28	88	6970	Non Engraved
3	(5500 Psi) RCC Wall	8	2	2020	6Diax12	14.4	28.28	86	6820	Non Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

10082

Dr. M. Yousaf

To: Muhammad Essa (Chief Financial Officer)
Markhor Developers (Pvt) Ltd. 68-Shadman-Colony, Phase-I, Lahore.
Project: Construction of 75-Shadman-I, Lahore. (Tetra Engineering (Pvt) Ltd.)

Our Ref. No. CL/CED/ 57 Dated: 28-04-20

Your Ref. No. Nil Dated: 09-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 12-03-20 Tested on: 27-04-20 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
		2	3	2020						
1	(5500 Psi) Lift Wall	2	3	2020	6Diax12	15	28.28	93	7370	Non Engraved
2	(5500 Psi) Lift Wall	2	3	2020	6Diax12	14	28.28	73	5790	Non Engraved
3	(5500 Psi) Lift Wall	2	3	2020	6Diax12	15	28.28	94	7450	Non Engraved
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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

10082

Dr. M. Yousaf

To: Muhammad Essa (Chief Financial Officer)
Markhor Developers (Pvt) Ltd. 68-Shadman-Colony, Phase-I, Lahore.
Project: Construction of 75-Shadman-I, Lahore. (Tetra Engineering (Pvt) Ltd.)

Our Ref. No. CL/CED/ 58 Dated: 28-04-20

Your Ref. No. Nil Dated: 10-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 12-03-20 Tested on: 27-04-20 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) Slab & Beam	4	3	2020	6Diax12	14.8	28.28	50	3960	Non Engraved
2	(3000 Psi) Slab & Beam	4	3	2020	6Diax12	13.6	28.28	47	3730	Non Engraved
3	(3000 Psi) Slab & Beam	4	3	2020	6Diax12	14	28.28	50	3960	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

10091

To: **Yasir Hussain, Assistant Resident Engineer**

Dr. M. Yousaf

ES Consultants Pvt. Ltd.

Project: Construction of Additional Class Rooms in Selected Schools of Punjab (Package-2) Govt. Girls Primary School Beroon Daddoki, Tehsil & District Kasur.

Our Ref. No. CL/CED/ 59 Dated: 28-04-20

Your Ref. No. ESC/PMIU/P2/0061 Dated: 13-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 13-03-20 Tested on: 23-04-20 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		13	2	2020	6x6x6	9	36	112	6970	Engraved
2		13	2	2020	6x6x6	9	36	110	6850	Engraved
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Phone Nos. 042-99029202, 042-99029217

10042

Dr. Umbreen

To: **Sub Divisional Officer**

Public Health Engg: Sub Division, Gojra. (Ch. Mushtaq, Govt. Contractor).

**Project: Provision of Laying Tuff Tiles, Sewerage and Nallahs in Gojra City District Toba Tek Singh.
(Manufactured by Innovative Private Limited, Taxila).**

Our Ref. No. CL/CED/ 60 Dated: 28-04-20

Your Ref. No. 141/G Dated: 02-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 04-03-20 Tested on: 22-04-20 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	Recangular, Grey		7.7x3.8x2.2	2658	29.26	140	10720	
2	Recangular, Grey		7.7x3.8x2.2	2690	29.26	134	10260	
3	Recangular, Grey		7.7x3.8x2.2	2745	29.26	104	7970	
4	Recangular, Grey		7.7x3.8x2.2	2696	29.26	160	12250	
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