



# Plain and Reinforced Concrete Laboratory

## Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

985

Dr.M. Yousaf

To: Mr. Zaid Bin Waseem (Assistant Engineer)

University of Education Lahore, Engineering Cell.

Project: RE- Construction of Toilet Set of Hostel at University of Education Lahore, (Bank Road Campus)

Our Ref. No. CL/CED/ 2787 Dated: 15-04-21

Your Ref. No. UE/Engg/AE/2021/46 Dated: 16-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 01-04-21 Tested on: 14-04-21 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	HK		8.7x4.3x2.9	3395	37.41	63	3780	
2	HK		8.7x4.3x3.0	3414	37.41	84	5030	
3	HK		8.8x4.3x2.9	3409	37.84	84	4980	
4	HK		8.7x4.2x3.0	3406	36.54	73	4480	
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing\\_reports&id=6](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



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1045

Dr. Umbreen

To: **Mr. Safdar Hussain (Resident Engineer)**

**M/s Associated Consulting Engineers ACE Limited. (M/s ZKH & B)(Package-1)**

**Project: Establishment of Danish School (Boys & Girls) at Mankera District Bhakkar.**

Our Ref. No. CL/CED/ 2788 Dated: 15-04-21

Your Ref. No. ACE /RE-PDS/  
MNK/BHK/21/402 Dated: 07-04-21

## COMPRESSION TEST REPORT

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

Specimens received on: 12-04-21 Tested on: 13-04-21 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 Slab (G/F) (1:2;4)	6	3	2021	6Diax12	13.4	28.28	55	4360	Non Engraved
2	RCC Slab (G/F) (1:2;4)	6	3	2021	6Diax12	13.4	28.28	55	4360	Non Engraved
3	RCC Slab (G/F) (1:2;4)	6	3	2021	6Diax12	13.2	28.28	49	3890	Non Engraved
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5										
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1046

Dr.Umbreen

**To: Mr. M. Azeem (Operation Manager)**  
**Amir Adnan Associates (Pvt.) Ltd. Lahore.**  
**Project: Construction of Hotel Building at 24-A Block E/2 at Gulberg III Lahore.**

Our Ref. No. CL/CED/ 2789 Dated: 15-04-21

Your Ref. No. AAA/24A/0031 Dated: 12-04-21

## COMPRESSION TEST REPORT

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

Specimens received on: 12-04-21 Tested on: 13-04-21 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	Sika Grout	5	4	2021	6Diax12	14	28.28	116	9190	Non Engraved
2										
3										
4										
5										
6										
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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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Phone Nos. 042-99029202, 042-99029217

1048  
Dr. Umbreen

**To: Project Manager**  
**M/s Q-Links Property Management (Pvt.) Ltd. Lahore.**  
**Project: Construction of Jasmine Grand Mall, Bahria Orchard, Lahore.**

Our Ref. No. CL/CED/ 2790 Dated: 12-04-21  
Your Ref. No. QLC-JG-2021-026 Dated: 12-04-21

## COMPRESSION TEST REPORT

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

Specimens received on: 12-04-21 Tested on: 13-04-21 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	Raft Foundation (3000) Psi	14	3	2021	6Diax12	13.8	28.28	44	3490	Engraved
2	Raft Foundation (3000) Psi	14	3	2021	6Diax12	14	28.28	42	3330	Engraved
3	Raft Foundation (3000) Psi	14	3	2021	6Diax12	14.2	28.28	49	3890	Engraved
4	Raft Foundation (3000) Psi	14	3	2021	6Diax12	14	28.28	39	3090	Engraved
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1044  
Dr. Umbreen

To: **M/s Ahmed Construction Company ( Pvt.) Ltd.**  
**Lahore.**

**Project: Contruction of Treat Corporation(Pvt.) Ltd. Building**

Our Ref. No. CL/CED/ 2791 Dated: 15-04-21

Your Ref. No. Nil Dated: 12-04-21

## COMPRESSION TEST REPORT

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

Specimens received on: 12-04-21 Tested on: 13-04-21 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 Floor (3000) Psi	3	4	2021	6Diax12	14	28.28	35	2780	Engraved
2	RCC Floor (3000) Psi	3	4	2021	6Diax12	14.2	28.28	31	2460	Engraved
3	RCC Floor (3000) Psi	3	4	2021	6Diax12	13.8	28.28	35	2780	Engraved
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1050

Dr. M. Yousaf

To: Resident Engineer

M/s ESS-I-AAR Consultant, Jhang.

Project: Rehabilitation/ Improvement of Sewerage System Jhang Phase-1

Our Ref. No. CL/CED/ 2792 Dated: 15-04-21

Your Ref. No. No. 784 Dated: 05-04-21

## COMPRESSION TEST REPORT

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

Specimens received on: 13-04-21 Tested on: 14-04-21 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	Core Wall	7	3	2021	6x6x6	8.8	36	118	7350	Non Engraved
2	Core Wall	7	3	2021	6x6x6	8.8	36	102	6350	Non Engraved
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1050

Dr. M. Yousaf

To: Resident Engineer

M/s ESS-I-AAR Consultant, Jhang.

Project: Rehabilitation/ Improvement of Sewerage System Jhang Phase-1

Our Ref. No. CL/CED/

2793

Dated:

15-04-21

Your Ref. No.

No. 785

Dated:

05-04-21

## COMPRESSION TEST REPORT

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

Specimens received on:

13-04-21

Tested on:

14-04-21

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	Solid Wall of Pump House	8	3	2021	6x6x6	8.6	36	111	6910	Non Engraved
2	Solid Wall of Pump House	8	3	2021	6x6x6	8.8	36	112	6970	Non Engraved
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