



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

9941

Dr. M. Yousaf

To: **Shahid Builders (Pvt.) Ltd.**  
**Lytton Road, Mozang, Lahore**

**Project: Construction of Labard Rehabilitation & Vocational Training Centre, Harbanspura, Lahore**

Our Ref. No. CL/CED/ 9872 Dated: 17-02-20

Your Ref. No. SBL/2020/4 Dated: 12-02-20

## COMPRESSION TEST REPORT

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

Specimens received on: 12-02-20 Tested on: 13-02-20 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	LGF Slab	18	1	2020	6Diax12	14	28.28	30	2380	Engraved
2	LGF Slab	18	1	2020	6Diax12	13.4	28.28	25	1980	Engraved
3	LGF Ramp	24	1	2020	6Diax12	13.2	28.28	39	3090	Engraved
4	Boundary Wall	30	1	2020	6Diax12	14	28.28	51	4040	Non Engraved
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing\\_reports&id=6](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"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**



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Dr. M. Yousaf

**To: Waqas Zafar (Project Director)**  
**Peach Club, Faisalabad**  
**Project: The Qube, Lahore**

Our Ref. No. CL/CED/ 9873 Dated: 17-02-20

Your Ref. No. Nil Dated: 11-02-20

## COMPRESSION TEST REPORT

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

Specimens received on: 11-02-20 Tested on: 13-02-20 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	Lift Walls above Slab	4	2	2020	6Diax12	13.2	28.28	50	3960	Non Engraved
2	Lift Walls above Slab	4	2	2020	6Diax12	13.2	28.28	60	4760	Non Engraved
3	Lift Walls above Slab	4	2	2020	6Diax12	13.6	28.28	70	5550	Non Engraved
4	U.G.W.T Walls	12	1	2020	6Diax12	14	28.28	59	4680	Non Engraved
5	U.G.W.T Walls	12	1	2020	6Diax12	14	28.28	41	3250	Non Engraved
6	U.G.W.T Walls	12	1	2020	6Diax12	14	28.28	43	3410	Non Engraved
7	Mezzn Slab Q.S~9-10	14	1	2020	6Diax12	13.8	28.28	79	6260	Non Engraved
8	Mezzn Slab Q.S~9-10	14	1	2020	6Diax12	13.1	28.28	75	5950	Non Engraved
9	Mezzn Slab Q.S~9-10	14	1	2020	6Diax12	13.1	28.28	74	5870	Non Engraved
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**supervisor(lab)**

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9922

Dr. M. Yousaf

To: **Arfan Nazir (Manager Civi)**  
**Nishat Mills Ltd., Lahore**

**Project: Construction of Nishat Bath Division Unit 95 (Weaving Looms Shed Floor)**

Our Ref. No. CL/CED/ 9874 Dated: 17-02-20

Your Ref. No. NBD/CT/001 Dated: 07-02-20

## COMPRESSION TEST REPORT

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

Specimens received on: 10-02-20 Tested on: 13-02-20 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	C-20	9	1	2020	6Diax12	13	28.28	63	4990	Non Engraved
2	C-20	9	1	2020	6Diax12	13	28.28	54	4280	Non Engraved
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9922  
Dr. M. Yousaf

**To: Arfan Nazir (Manager Civi)**  
**Nishat Mills Ltd., Lahore**  
**Project: Construction of Nishat Bath Division Unit 95 (Weaving AC-1 Column)**

Our Ref. No. CL/CED/ 9875 Dated: 17-02-20

Your Ref. No. NBD/CT/002 Dated: 07-02-20

## COMPRESSION TEST REPORT

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Specimens received on: 10-02-20 Tested on: 13-02-20 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	C-30	9	1	2020	6Diax12	13	28.28	53	4200	Non Engraved
2	C-30	9	1	2020	6Diax12	13	28.28	42	3330	Non Engraved
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Dr. M. Yousof

To: **Nasir Mahmood Khan (Partner)**

**N.A.A Associates, Lahore**

**Project: Construction of Commercial Building at Plot No. 44-D-1, Gulberg-III, Lahore**

Our Ref. No. CL/CED/ 9876 Dated: 17-02-20

Your Ref. No. NAA/Bill/44-D-I/06 Dated: 11-02-20

## COMPRESSION TEST REPORT

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

Specimens received on: 11-02-20 Tested on: 13-02-20 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 Foundation Grid 1 to 7	5	2	2020	6Diax12	13.2	28.28	20	1590	Engraved
2	Raft Foundation Grid 1 to 7	5	2	2020	6Diax12	13.4	28.28	20	1590	Engraved
3	Raft Foundation Grid 1 to 7	5	2	2020	6Diax12	13.8	28.28	18	1430	Engraved
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Dr. M. Yousaf

**To: Ch. Furqan Noshad (Project Manager)**  
**CM Engineering (Pvt.) Ltd. Lahore**  
**Project: Ufone Huawei, Site Id-CII-2740, ODU PAD**

Our Ref. No. CL/CED/ 9877 Dated: 17-02-20

Your Ref. No. CME/Cubes/Ufone(Huawei)/540 Dated: 15-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 13-02-20 Tested on: 13-02-20 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 )	8	11	2019	6x6x6	8	36	95	5920	Non Engraved
2	( 1 : 1.5 : 3 )	8	11	2019	6x6x6	8	36	115	7160	Non Engraved
3	( 1 : 1.5 : 3 )	8	11	2019	6x6x6	8	36	115	7160	Non Engraved
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