



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

10060

Dr. M. Yousaf

To: Lt. Col. Javaid Akbar (Retd.), Project Manager

TYPSA-ASIAN Consulting Engineers (JV).

Project: Passenger Terminal Building Expansion Project at Allama Iqbal International Airport (AIAP), Lahore, Pakistan-Package: Car Parking Area.

Our Ref. No. CL/CED/

75

Dated:

11-05-20

Your Ref. No.

TYPSA-PK-3128-20

Dated:

07-03-20

## COMPRESSION TEST REPORT

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

Specimens received on:

09-03-20

Tested on:

07-05-20

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	Uni Block, Grey		2.3 thick	3324	37.25	142	8540	
2	Uni Block, Grey		2.3 thick	3316	37.25	144	8660	
3	Uni Block, Grey		2.3 thick	3298	37.25	140	8420	
4	Uni Block, Grey		2.3 thick	3312	37.25	137	8240	
5	Uni Block, Grey		2.3 thick	3289	37.25	139	8360	
6	Uni Block, Grey		2.3 thick	3276	37.25	128	7700	
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\\_reports&id=6](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



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10101

Dr. M. Yousaf

**To: Assistant Executive Engineer-III**  
**Central Civil Division, Pak P.W.D. Sialkot.**  
**Project: Construction of PCC in Village U.C. Ikhlasgarh District Gujrat (2/5).**

Our Ref. No. CL/CED/ 76-1 of 2 Dated: 11-05-20

Your Ref. No. AEE-III/CCD/SKT/49 Dated: 07-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 04-05-20 Tested on: 07-05-20 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)	7	10	2019	6x6x6	8.4	36	68	4240	Non Engraved
2	(1:2:4)	7	10	2019	6x6x6	8.2	36	43	2680	Non Engraved
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10101

Dr. M. Yousaf

**To: Assistant Executive Engineer-III**  
**Central Civil Division, Pak P.W.D. Sialkot.**  
**Project: Construction of PCC in Village U.C. Ikhlasgarh District Gujrat (2/5).**

Our Ref. No. CL/CED/ 76-2 of 2 Dated: 11-05-20

Your Ref. No. AEE-III/CCD/SKT/49 Dated: 07-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 04-05-20 Tested on: 07-05-20 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	SP		8.9x4.4x3.0	3468	39.16	53	3040	
2	SP		8.9x4.4x3.0	3472	39.16	62	3550	
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10043

Dr. M. Yousaf

**To: (Safdar Iqbal Ahmad Tarar), Assistant Executive Engineer-III**  
**Central Civil Division No.II, Pak P.W.D. Lahore.**  
**Project: Construction of Barrack in NAB Complex Lahore.**

Our Ref. No. CL/CED/ 77 Dated: 11-05-20

Your Ref. No. AEE-III/CCD-II/LHR/251 Dated: 12-12-19

## COMPRESSION TEST REPORT

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

Specimens received on: 04-03-20 Tested on: 07-05-20 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	DSP				8.6x4.2x2.8	3195	36.12	73	4530	
2	DSP				8.8x4.3x2.9	3210	37.84	35	2080	
3	DSP				8.8x4.3x2.9	3310	37.84	69	4090	
4	DSP				8.8x4.2x2.9	3281	36.96	59	3580	
5	DSP				8.7x4.2x2.8	3251	36.54	46	2820	
6	DSP				8.7x4.3x2.8	3274	37.41	53	3180	
7	DSP				8.8x4.3x2.9	3264	37.84	55	3260	
8	DSP				8.8x4.3x2.8	3309	37.84	58	3440	
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10086

To: **Yasir Mahmud, CEO**  
**YASCON**

Dr. M. Yousaf

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

**Project: Garrison Academy 204 Bridge Co Gwa Cantt (Multi Purpose Hall / RD Office Gwa Cantt).**

Our Ref. No. CL/CED/ 78 Dated: 11-05-20

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

## COMPRESSION TEST REPORT

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

Specimens received on: 12-03-20 Tested on: 07-05-20 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	7UP		8.9x4.4x2.9	3219	39.16	52	2980	
2	7UP		8.9x4.4x2.9	3231	39.16	38	2180	
3	A		8.9x4.3x2.8	3190	38.27	58	3400	
4	A		8.8x4.3x2.8	3179	37.84	48	2850	
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10111

To: **Fariha Farooq**

Dr. M. Burhan

**44-45 R1, Main Boulevard Johar Town, Lahore.**

**Project: Construction Commercial Building at 44-45 R1 Main Boulevard Johar Town, Lahore.**

Our Ref. No. CL/CED/ 79 Dated: 11-05-20

Your Ref. No. 786/2020 Dated: 11-05-20

## COMPRESSION TEST REPORT

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

Specimens received on: 11-05-20 Tested on: 11-05-20 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		27	2	2020	6Diax12	14	28.28	81	6420	Non Engraved
2		27	2	2020	6Diax12	14	28.28	83	6580	Non Engraved
3		27	2	2020	6Diax12	14	28.28	81	6420	Non Engraved
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10109

Dr. M. Yousaf

**To: New Continental Engineers, Designers & Builders.**  
**Head Office: # 20-2nd Floor, Leeds Center, Gulberg 3, Lahore.**  
**Project: SE LB (R.), INMOL Hospital Lahore.**

Our Ref. No. CL/CED/ 80 Dated: 11-05-20

Your Ref. No. Nil Dated: 08-05-20

## COMPRESSION TEST REPORT

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

Specimens received on: 07-05-20 Tested on: 11-05-20 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		30	4	2020	6Diax12	14	28.28	28	2220	Non Engraved
2		30	4	2020	6Diax12	14	28.28	43	3410	Non Engraved
3		30	4	2020	6Diax12	14	28.28	22	1750	Non Engraved
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