



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

10342

To: **Asif Nadeem Khawar (Resident Engineer)**

Dr. Usman Akmal

**Asian Consulting Engineers (Pvt.) Ltd. & Metroplan JV**

**Project: Resident Construction Supervision for Establishment of 200 Bedded Mother & Child Hospital and Nursing College, District Mianwali**

Our Ref. No. CL/CED/ 453 Dated: 22-07-20

Your Ref. No. MetroplanAsianJV-Nexus-MMCH-RE-321 Dated: 17-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 21-07-20 Tested on: 22-07-20 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	Trial Mix No. 27 (No. 4)	21	6	2020	6Diax12	14	28.28	71	5630	Non Engraved
2	Trial Mix No. 27 (No. 5)	21	6	2020	6Diax12	13.8	28.28	69	5470	Non Engraved
3	Trial Mix No. 27 (No. 6)	21	6	2020	6Diax12	13.8	28.28	47	3730	Non Engraved
4										
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\* 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**



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

10335 & 10345  
Dr. Usman Akmal

To: **M. Sohail Anjum (Project Manager)**  
**P-156 Gulberg II, Lahore**  
**Project: Construction of P-156 Gulberg-II, Lahore**

Our Ref. No. CL/CED/ 454 Dated: 22-07-20  
Your Ref. No. P-156-122 Dated: 21-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 21-07-20 Tested on: 22-07-20 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	488 (3000 Psi)	20	6	2020	6Diax12	13.5	28.28	39	3090	Non Engraved
2	490 (3000 Psi)	20	6	2020	6Diax12	14.1	28.28	39	3090	Non Engraved
3										
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Phone Nos. 042-99029202, 042-99029217

10317

Dr. Mazhar Saleem

**To: M. Shahbaz Iqbal**  
**BPS (Pvt.) Ltd. Lahore**  
**Project: Alpha Homes**

Our Ref. No. CL/CED/ 455 Dated: 22-07-20

Your Ref. No. Nil Dated: 16-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 16-07-20 Tested on: 20-07-20 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	Grid 44 A-F	23	6	2020	6Diax12	13.8	28.28	41	3250	Non Engraved
2	Grid 44 A-F	23	6	2020	6Diax12	13.4	28.28	35	2780	Non Engraved
3	CF3	19	6	2020	6Diax12	13.8	28.28	39	3090	Non Engraved
4	CF3	19	6	2020	6Diax12	14	28.28	39	3090	Non Engraved
5	Grid F 44-38	23	6	2020	6Diax12	13.4	28.28	45	3570	Non Engraved
6	F2	19	6	2020	6Diax12	14	28.28	41	3250	Non Engraved
7										
8										
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Our Ref. No. CL/CED/ 456 Dated: 22-07-20  
Your Ref. No. Nil Dated: 16-07-20

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

Specimens received on: 16-07-20 Tested on: 20-07-20 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	F 1	19	6	2020	6Diax12	14	28.28	39	3090	Non Engraved
2	F 1	19	6	2020	6Diax12	14	28.28	37	2940	Non Engraved
3	F 2	17	6	2020	6Diax12	13.8	28.28	37	2940	Non Engraved
4	CF 1	17	6	2020	6Diax12	13.4	28.28	41	3250	Non Engraved
5	CF 2	17	6	2020	6Diax12	13.8	28.28	37	2940	Non Engraved
6										
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10323

Dr. Mazhar Saleem

**To: Rizwan Ullah (Suprintendent Rangers)**  
**Pakistan Rangers (Punjab) (M/s Sufian & Brothers)**  
**Project: Headquarters Pakistan Rangers (Punjab), Ghazi Road, Lahore-33**

Our Ref. No. CL/CED/ 457 Dated: 22-07-20

Your Ref. No. 2231/Works/814 Dated: 08-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 17-07-20 Tested on: 20-07-20 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	17	6	2020	6Diax12	13.2	28.28	41	3248	Non Engraved
2	Raft Foundation	17	6	2020	6Diax12	13.2	28.28	40	3168	Non Engraved
3	Raft Foundation	17	6	2020	6Diax12	13	28.28	42	3327	Non Engraved
4										
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Phone Nos. 042-99029202, 042-99029217

10320

Dr. Mazhar Saleem

**To: Saqib Riaz (Project Manager)**  
**Rizwan Associates, Islamabad**  
**Project: Swimming Pool Wall, Model Town Lahore**

Our Ref. No. CL/CED/ 458 Dated: 22-07-20

Your Ref. No. UET/RA/Site/02-20 Dated: 17-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 17-07-20 Tested on: 20-07-20 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 Wall	16	6	2020	6x6x6	8.4	36	27	1680	Engraved
2	RCC Wall	16	6	2020	6x6x6	8.4	36	25	1560	Engraved
3	RCC Wall	16	6	2020	6x6x6	8.2	36	23	1440	Engraved
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Phone Nos. 042-99029202, 042-99029217

10326

**To: Muhammad Saleem (GM)**  
**Professional Construction Services (Pvt.) Ltd. Lahore**  
**Project: Construction of Nutribel Pvt. Ltd. Sunder Industrial Estate Lahore**

Dr. Mazhar Saleem

Our Ref. No. CL/CED/ 459 Dated: 22-07-20

Your Ref. No. PCS/20/Eng-39-B Dated: 20-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 20-07-20 Tested on: 20-07-20 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 (G1+G2~A, 2A)	9	7	2020	6x6x6	9	36	114	7100	Non Engraved
2										
3										
4										
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Phone Nos. 042-99029202, 042-99029217

10326

Dr. Mazhar Saleem

**To: Muhammad Saleem (GM)**  
**Professional Construction Services (Pvt.) Ltd. Lahore**  
**Project: Construction of Nutribel Pvt. Ltd. Sunder Industrial Estate Lahore**

Our Ref. No. CL/CED/ 460 Dated: 22-07-20

Your Ref. No. PCS/20/Eng-39-A Dated: 20-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 20-07-20 Tested on: 20-07-20 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
		9	7	2020						
1	Column (G1+G2~A, 2A)	9	7	2020	6x6x6	9	36	108	6720	Non Engraved
2										
3										
4										
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Phone Nos. 042-99029202, 042-99029217

10329

Dr.Mazhar Saleem

To: **University of The Punjab**  
**Lahore**

**Project: Construction of Madrsa at QAC**

Our Ref. No. CL/CED/ 461 Dated: 22-07-20

Your Ref. No. D-183-DE Dated: 20-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 20-07-20 Tested on: 20-07-20 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		23	1	2020	6x6x6	8.8	36	53	3300	Non Engraved
2		23	1	2020	6x6x6	8	36	69	4300	Non Engraved
3		23	1	2020	6x6x6	8	36	79	4920	Non Engraved
4										
5										
6										
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# Plain and Reinforced Concrete Laboratory

## Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

10321

Dr. Mazhar Saleem

To: Executive Engineer (B&W)

University of Veterinary & Animal Sciences, Lahore

Project: Construction of Boundary Wall / Gate Office 1 & 2 and Watch Tower at CVAS, Narowal (Front Side Boundary Wall)

Our Ref. No. CL/CED/

462

Dated:

22-07-20

Your Ref. No.

E.E/536

Dated:

15-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 17-07-20 Tested on: 20-07-20 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	Footings (1:2:4)	23	6	2020	6x6x6	8.6	36	49	3050	Engraved
2	Footings (1:2:4)	23	6	2020	6x6x6	8.4	36	53	3300	Engraved
3										
4										
5										
6										
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## Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

10321

To: Executive Engineer (B&W)

Dr. Mazhar Saleem

University of Veterinary & Animal Sciences, Lahore

Project: Construction of Boundary Wall / Gate Office 1 & 2 and Watch Tower at CVAS, Narowal (Left Side Boundary Wall)

Our Ref. No. CL/CED/

463

Dated:

22-07-20

Your Ref. No.

E.E/537

Dated:

15-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 17-07-20 Tested on: 20-07-20 in dry/wet condition

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		Wet Weight (gms)								
1	Footings (1:2:4)	25	6	2020	6x6x6	8.6	36	41	2560	Engraved
2	Footings (1:2:4)	25	6	2020	6x6x6	8.8	36	43	2680	Engraved
3										
4										
5										
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