



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

10653

Dr. M. Yousaf

To: Shahbir Anjam (Project Manager)
Shahan Brothers, Lahore
Project: DAC Tower 16 Shadman Jail Road, Lahore

Our Ref. No. CL/CED/ 951 Dated: 09-10-20

Your Ref. No. Nil Dated: 06-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 07-10-20 Tested on: 09-10-20 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	3000 Psi	18	9	2020	6Diax12	14	28.28	67	5310	Non Engraved
2	3000 Psi	18	9	2020	6Diax12	13.2	28.28	43	3410	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

* 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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10653

Dr. M. Yousaf

To: Shahbir Anjam (Project Manager)
Shahan Brothers, Lahore
Project: DAC Tower 16 Shadman Jail Road, Lahore

Our Ref. No. CL/CED/ 952 Dated: 09-10-20

Your Ref. No. Nil Dated: 07-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 07-10-20 Tested on: 09-10-20 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	5000 Psi	25	9	2020	6Diax12	13.4	28.28	46	3650	Non Engraved
2	5000 Psi	25	9	2020	6Diax12	13	28.28	41	3250	Non Engraved
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10649

Dr. M. Yousaf

To: Lt. Col. Retd. Muhammad Ibrahim (Estate Engineer)
Sundar Industrial Estate, Lahore
Project: Repairing and Maintenance for OHR-9

Our Ref. No. CL/CED/ 953 Dated: 09-10-20

Your Ref. No. BOM/SIE/BCD/5889 Dated: 05-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 06-10-20 Tested on: 09-10-20 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	7	9	2020	6Diax12	13.6	28.28	64	5070	Non Engraved
2	3000 Psi	7	9	2020	6Diax12	14.2	28.28	70	5550	Non Engraved
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10656

To: **M. Sohail Anjum (Project Manager)**

Dr. M. Yousaf

P-156 Gulberg-II, Lahore

Project: Construction of P-156 Gulberg-II, Lahore

Our Ref. No. CL/CED/

954

Dated:

09-10-20

Your Ref. No.

P-156-146

Dated:

07-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 08-10-20 Tested on: 09-10-20 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	577 (3000 psi)	30	9	2020	6Diax12	13.8	28.28	40	3170	Non Engraved
2	578 (3000 psi)	30	9	2020	6Diax12	14.2	28.28	46	3650	Non Engraved
3	579 (3000 psi)	30	9	2020	6Diax12	14.6	28.28	45	3570	Non Engraved
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10659

Dr. M. Yousaf

To: Assistant Executive Engineer

Pakistan Railway Headquarter Office, Lahore

Project: Replacement of Jack Arch Roofing in to RCC Slab at 2nd Floor Walton Block in Railway Headquarter Office Lahore

Our Ref. No. CL/CED/

955

Dated:

09-10-20

Your Ref. No.

62-W/0/201/Lose

Dated:

08-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 08-10-20 Tested on: 09-10-20 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		9	9	2020	6Diax12	13	28.28	35	2780	Engraved
2		9	9	2020	6Diax12	14	28.28	34	2700	Engraved
3		9	9	2020	6Diax12	13.6	28.28	32	2540	Engraved
4		9	9	2020	6Diax12	14	28.28	37	2940	Engraved
5		9	9	2020	6Diax12	14.2	28.28	39	3090	Engraved
6		9	9	2020	6Diax12	13	28.28	34	2700	Engraved
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10640

Dr. M. Yousaf

To: **Hafiz Ozair Ahmad (Deputy Director QCD)**

WASA, LDA, Lahore (M/s Malik Siraj Construction Co.)

Project: (NA-126,PP-151,UC-97) Tender No. XEN(O&M-I)/IT/2019-20/60 Improvement of Sewerage System in The Area of Saidpur, Shah Farid, A-Block Sbzazar & Its Adjoin Streets in Sabzazar Sub Division, WASA,LDA

Our Ref. No. CL/CED/ 956 Dated: 09-10-20

Your Ref. No. QCD/2470-71 Dated: 03-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 05-10-20 Tested on: 09-10-20 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	S		8.8x4.4x3.0	3160	38.72	45	2610	
2	S		8.9x4.4x2.9	3186	39.16	50	2860	
3	S		8.8x4.3x2.9	3179	37.84	40	2370	
4	S		8.7x4.4x2.9	3163	38.28	48	2810	
5	S		8.9x4.4x3.0	3295	39.16	40	2290	
6	S		8.8x4.3x2.9	3129	37.84	53	3140	
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