



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

853

Dr. Ambreen

To: Deputy Director (Technical)
Anti-Corruption Establishment Lahore-Region-B
Subject: Enquiry No. 46/2020 & 21/2019

Our Ref. No. CL/CED/ 2522 Dated: 18-03-21

Your Ref. No. ACE-LHR-B/ (DDT)-2021/116 Dated: 08-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 09-03-21 Tested on: 18-03-21 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	HB		8.8x4.3x2.8	2967	37.84	67	3970	
2	HB		8.6x4.3x2.8	2888	39.98	54	3030	
3	HB		8.7x4.3x2.7	2896	37.41	29	1740	
4	HB		8.7x4.3x2.7	2839	37.41	67	4020	
5	HB		8.7x4.0x2.8	2985	34.8	45	2900	
6	HB		8.7x4.1x2.7	2957	35.67	59	3710	
7	HB		8.7x4.3x2.9	3059	37.41	57	3420	
8	HB		8.8x4.3x2.9	3082	37.84	43	2550	
9	HB		8.6x4.2x2.8	2860	36.12	73	4530	
10	HB		8.7x4.2x2.8	2885	36.54	75	4600	
11								
12								
13								
14								
15								
16								

Results can also be seen on website 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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905

Dr. Ambreen

To: **Executive Engineer, CRB Canal Division,
Taunsa Sharif.**

**Subject: "Construction of Metalled Disty (Concrete Lining) of MD-27 from RD6+500 to 18+500" in CRBC
Division Taunsa Sharif in District D.G. Khan**

Our Ref. No. CL/CED/ 2523 Dated: 18-03-21

Your Ref. No. 370/AB Dated: 16-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 18-03-21 Tested on: 18-03-21 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	14+000 to 14+500	12	2	2021	6x6x6	9	36	90	5600	Non Engraved
2	13+000 to 14+000	13	2	2021	6x6x6	8.8	36	83	5170	Non Engraved
3	12+000 to 13+000	16	2	2021	6x6x6	8.8	36	63	3920	Non Engraved
4	11+000 to 12+000	19	2	2021	6x6x6	8.6	36	94	5850	Non Engraved
5	10+000 to 11+000	22	2	2021	6x6x6	8.4	36	88	5480	Non Engraved
6	9+000 to 10+000	25	2	2021	6x6x6	8.6	36	61	3800	Non Engraved
7	8+000 to 9+000	28	2	2021	6x6x6	8.4	36	100	6230	Non Engraved
8	7+000 to 8+000	2	3	2021	6x6x6	8.2	36	88	5480	Non Engraved
9	6+500 to 7+000	3	3	2021	6x6x6	8.2	36	71	4420	Non Engraved
10	14+500 to 15+000	4	3	2021	6x6x6	9	36	71	4420	Non Engraved
11	15+000 to 16+000	6	3	2021	6x6x6	8.6	36	73	4550	Non Engraved
12	16+000 to 17+000	8	3	2021	6x6x6	8.4	36	79	4920	Non Engraved
13	17+000 to 18+500	10	3	2021	6x6x6	8.2	36	88	5480	Non Engraved
14										
15										
16										

Results can also be seen on website 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

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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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909

To: Mr. Tariq Kausar
House No.6-A Tample Road Lahore.
Subject: 16 Shadman- II Jail Road Lahore.

Dr. Riwan Riaz

Our Ref. No. CL/CED/ 2524 Dated: 18-03-21

Your Ref. No. Nil Dated: 18-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 18-03-21 Tested on: 18-03-21 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	Carbon Strips	18	2	2021		14	28.28	140	11090	Non Engraved
2	Without Carbon Strips	18	2	2021		13	28.28	51	4040	Non Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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849

Dr. Ambreen

To: Mr. Hafiz Ozair Ahmad (Deputy Director (QCD))

WASA, LDA, Lahore. (M/s AL-Awan Construction Company)

Subject: Tender NO. P&S/ 25.01/6193 Laying of Forcemain of Ichra Morr Disposal Laying of Forcemain and Replacement of Sewerage System at Sultan Ahmad Raod.

Our Ref. No. CL/CED/ 2525 Dated: 18-03-21

Your Ref. No. QCD/342-43 Dated: 26-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 09-03-21 Tested on: 18-03-21 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	1 1 0		8.8x4.4x3.0	3248	38.72	53	3070	
2	1 1 0		9.0x4.4x2.9	3315	39.6	39	2210	
3	1 1 0		8.9x4.4x3.0	3298	39.16	41	2350	
4	1 1 0		9.0x4.4x3.1	3309	39.6	59	3340	
5	1 1 0		8.8x4.3x2.9	3196	38.84	49	2830	
6	1 1 0		8.8x4.3x2.9	3211	37.84	47	2790	
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

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872
Dr. Mazar

To: Mr. Azhar Iqbal
Darogewala Lahore Cantt, Lahore.
Subject: Construction of Punjab Ware House

Our Ref. No. CL/CED/ 2526 Dated: 18/03/2021
Your Ref. No. Nil Dated: 11-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 11-03-21 Tested on: 18/3/2021 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		11	2	2021	6Diax12	14	28.28	51	4040	Non Engraved
2		11	2	2021	6Diax12	13.4	28.28	73	5790	Non Engraved
3		11	2	2021	6Diax12	13	28.28	67	5310	Non Engraved
4		11	2	2021	6Diax12	13	28.28	45	3570	Non Engraved
5		11	2	2021	6Diax12	13.4	28.28	75	5950	Non Engraved
6		11	2	2021	6Diax12	14	28.28	49	3890	Non Engraved
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departement?RID=testing_reports&id=6

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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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877
Dr. Mazar

To: Mr. Ahmad Fawad Malik (CEO)
M/s AA & Associates, DHA, Lahore.
Subject: Construction of Columns MCB Lallian Branch Kot Momin

Our Ref. No. CL/CED/ 2527 Dated: 18/03/2021
Your Ref. No. Nil Dated: 12-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 12-03-21 Tested on: 18-03-21 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	Column	16	2	2021	6Diax12	13	28.28	43	3410	Non Engraved
2	Column	16	2	2021	6Diax12	13.4	28.28	43	3410	Non Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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Phone Nos. 042-99029202, 042-99029217

877
Dr. Mazar

To: Mr. Ahmad Fawad Malik (CEO)
M/s AA & Associates, DHA, Lahore.
Subject: Raft MCB Lallian Branch Kot Momin

Our Ref. No. CL/CED/ 2528 Dated: 18/03/2021
Your Ref. No. Nil Dated: 12-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 12-03-21 Tested on: 18/3/2021 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
		1	2	2021						
1	Raft	1	2	2021	6Diax12	13	28.28	43	3410	Non Engraved
2	Raft	1	2	2021	6Diax12	13	28.28	23	1830	Non Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

867
Dr. Mazar

To: Project Manager
M/s Ahmad Construction Company Lahore. (M/s Treat Corporation Pvt)
Subject:

Our Ref. No. CL/CED/ 2529 Dated: 18/03/2021
Your Ref. No. ACCO/TCL/021 Dated: 11-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 12-03-21 Tested on: 18/3/2021 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	Slab (3000) Psi	13	2	2021	6Diax12	13.8	28.28	23	1830	Engraved
2	Slab (3000) Psi	13	2	2021	6Diax12	13.8	28.28	25	1980	Engraved
3	Slab (3000) Psi	13	2	2021	6Diax12	14	28.28	27	2140	Engraved
4										
5										
6										
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9										
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11										
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14										
15										
16										

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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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875
Dr. Mazar

To: M/s Solvo Chem. (Consultant)
Lahore. (M/s Authro Pharmaceuticals Rawat)
Subject: Nil

Our Ref. No. CL/CED/ 2530 Dated: 18/03/2021
Your Ref. No. Nil Dated: 12-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 12-03-21 Tested on: 18/3/2021 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)	15	2	2021	6Diax12	13.4	28.28	61	4840	Non Engraved
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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875
Dr. Mazar

To: M/s Solvo Chem. (Consultant)
Lahore. (M/s Authro Pharmaceuticals Rawat)
Subject: Nil

Our Ref. No. CL/CED/ 2531 Dated: 18/03/2021
Your Ref. No. Nil Dated: 12-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 12-03-21 Tested on: 18/3/2021 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		12	2	2021	6Diax12	13.6	28.28	43	3410	Non Engraved
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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875
Dr. Mazar

To: M/s Solvo Chem. (Consultant)
Lahore. (M/s Authro Pharmaceuticals Rawat)
Subject: Nil

Our Ref. No. CL/CED/ 2532 Dated: 18/03/2021
Your Ref. No. Nil Dated: 12-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 12-03-21 Tested on: 18/3/2021 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		15	2	2021	6Diax12	13.4	28.28	67	5310	Non Engraved
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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Director/Dy. Director Concrete Laboratory