



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

8612  
Engr. Aamina

To: Sub Divisional Officer  
Changa Manga Sub Division, Changa Manga.  
Project: Concrete Side Protection of Rakh Disty From RD. 35+300 To 81+180 (Package-B)

Our Ref. No. CL/CED/ 8303 Dated: 11-06-19  
Your Ref. No. 637/IE/9 Dated: 30-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 13-05-19 Tested on: 28-05-19 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	MZ				8.8x4.5x3	3283	39.6	45	2550	
2	MZ				8.9x4.5x3.1	3312	40.05	34	1910	
3	MZ				9x4.5x2.9	3170	40.5	37	2050	
4	MZ				8.9x4.4x3	3094	39.16	32	1840	
5	M				9x4.4x3	3390	39.16	27	1550	
6	M				8.7x4.4x3	3478	38.28	41	2400	
7	M				8.9x4.4x3	3403	39.16	51	2920	
8	M				8.9x4.4x3	3336	39.16	49	2810	
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departement?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departement?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"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

8636  
Dr. Aqsa

To: Engr. Asif Jah, X.E.N, Tamirat Department  
Anjuman Himayat-i-Islam 119 Multan Road, Lahore. (M/s Ch Maqsood Ahmed)  
Project:Constt. of D-Plaza at Al Mumtaz Road Anjuman Himayat-i-Islam Lahore.

Our Ref. No. CL/CED/ 8304 Dated: 11-06-19  
Your Ref. No. AHI/TM 749 Dated: 07-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 16-05-19 Tested on: 30-05-19 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			3726	9.1x4.4x2.8	3134	40.04	57	3190	15.88
2	S			3653	8.9x4.4x2.9	3366	39.16	37	2120	7.85
3	S			3527	8.9x4.3x2.9	3333	39.16	41	2350	5.5
4	S			3634	8.9x4.4x2.9	3370	39.16	45	2580	7.26
5	S			3565	8.9x4.3x2.9	3337	38.27	37	2170	6.39
6	S			3490	9x4.4x3.1	3290	39.6	59	3340	5.73
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Phone Nos. 042-99029202, 042-99029217

8680  
Dr. Aqsa

To: Deputy Director (QCD)  
WASA LDA Lahore. (M/s Seven Star Construction Co.)  
Project: Ten. No. P&S/25.01/6028-Retain. Wall at Shalimar Escape Channel from Aliya Town in Latif Marriage Hall

Our Ref. No. CL/CED/ 8305 Dated: 11-06-19  
Your Ref. No. QCD/331-32 Dated: 24-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 22-05-19 Tested on: 30-05-19 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	A1			3343	8.9x4.4x3	3107	39.16	47	2690	7.05
2	A1			3442	8.8x4.4x2.9	3076	38.72	46	2670	10.63
3	A1			3398	8.6x4.2x2.8	3108	36.12	55	3420	8.53
4	A1			3491	8.8x4.3x3	3055	37.84	47	2790	12.48
5	A1			3395	8.7x4.2x3	3030	36.54	43	2640	10.75
6	A1			3412	8.9x4.4x2.9	3031	39.16	47	2690	11.16
7	A1			3341	8.8x4.4x2.9	3063	38.72	49	2840	8.32
8	A1			3343	8.8x4.3x3	3051	37.84	47	2790	8.73
9	A1			3346	8.7x4.4x3	2982	38.28	50	2930	10.87
10	A1			3527	8.8x4.4x3	3162	38.72	51	2960	10.37
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supervisor(lab) Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

8705  
Dr. Aqsa

To: Deputy Director (Tech)  
Anti Corruption Establishment Faisalabad Region, Faisalabad.  
Project:Enq.No.120/2019 Regar. Material of Testing used in the"Develop. of Infrast. in SIE Fsd"

Our Ref. No. CL/CED/ 8306 Dated: 11-06-19  
Your Ref. No. DDT-ACE-FSD-2019/278 Dated: 14-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-05-19 Tested on: 30-05-19 in dry/wet condition

Sl. 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	Rectangular, Grey				7.8x3.9x3.1	3643	30.42	104	7660	
2	Rectangular, Grey				7.8x3.9x3.1	3651	30.42	65	4790	
3	Rectangular, Grey				7.8x3.9x3.1	3611	30.42	81	5970	
4	Rectangular, Grey				7.8x3.9x3.1	3775	30.42	82	6040	
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8688  
Engr. Ubaid

To: Sub Divisional Officer, Development Sub-Division No.III  
Mianwali Canal Rest House Sialkot.  
Project: "Chenelaization of Deg Nullah Package-II" (Bridge RD. 15+950 Geowali).

Our Ref. No. CL/CED/ 8307-1 of 2 Dated: 11-06-19  
Your Ref. No. 143/DEV Dated: 22-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 24-05-19 Tested on: 24-05-19 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	Cap A. R/S+Cap Pier 1& 2	14	3	2019	6Diax12	13.4	28.28	65	5150	Non Engraved
2	Cap A. R/S+Cap Pier 1& 2	14	3	2019	6Diax12	13.6	28.28	77	6100	Non Engraved
3	Cap A. L/S	16	3	2019	6Diax12	14	28.28	83	6580	Non Engraved
4	Cap A. L/S	16	3	2019	6Diax12	13.4	28.28	47	3730	Non Engraved
5	Girder 1st Span	21	3	2019	6Diax12	13.8	28.28	51	4040	Non Engraved
6	Girder 1st Span	21	3	2019	6Diax12	14	28.28	45	3570	Non Engraved
7	Girder 2nd Span	24	3	2019	6Diax12	13.2	28.28	73	5790	Non Engraved
8	Girder 2nd Span	24	3	2019	6Diax12	14.4	28.28	67	5310	Non Engraved
9	Girder 3rd Span	26	3	2019	6Diax12	13.8	28.28	88	6980	Non Engraved
10	Girder 3rd Span	26	3	2019	6Diax12	13.4	28.28	59	4680	Non Engraved
11	Approach Slab R/S	29	3	2019	6Diax12	13.8	28.28	79	6260	Non Engraved
12	Approach Slab R/S	29	3	2019	6Diax12	14	28.28	77	6100	Non Engraved
13	Slab 1st Span	31	3	2019	6Diax12	13.6	28.28	45	3570	Non Engraved
14	Slab 1st Span	31	3	2019	6Diax12	13.4	28.28	51	4040	Non Engraved
END	---	---	---	---	---	---	---	---	---	---
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8688  
Engr. Ubaid

To: Sub Divisional Officer, Development Sub-Division No.III  
Mianwali Canal Rest House Sialkot.  
Project: "Chenelaization of Deg Nullah Package-II" (Bridge RD. 15+950 Geowali).

Our Ref. No. CL/CED/ 8307-2 of 2 Dated: 11-06-19  
Your Ref. No. 143/DEV Dated: 22-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 24-05-19 Tested on: 24-05-19 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)								
15	Parapet 1st Span	2	4	2019	6Diax12	13.6	28.28	94	7450	Non Engraved
16	Parapet 1st Span	2	4	2019	6Diax12	13.6	28.28	59	4680	Non Engraved
17	Slab 2nd Span	4	4	2019	6Diax12	13.4	28.28	65	5150	Non Engraved
18	Slab 2nd Span	4	4	2019	6Diax12	13.2	28.28	69	5470	Non Engraved
19	Parapet 2nd Span	5	4	2019	6Diax12	14	28.28	79	6260	Non Engraved
20	Parapet 2nd Span	5	4	2019	6Diax12	13.6	28.28	60	4760	Non Engraved
21	Slab 3rd Span	8	4	2019	6Diax12	14	28.28	100	7930	Non Engraved
22	Slab 3rd Span	8	4	2019	6Diax12	13.6	28.28	90	7130	Non Engraved
23	Parapet 3rd Span	9	4	2019	6Diax12	13.6	28.28	59	4680	Non Engraved
24	Parapet 3rd Span	9	4	2019	6Diax12	14.2	28.28	63	5000	Non Engraved
25	Approach Slab L/S	10	4	2019	6Diax12	13.2	28.28	75	5950	Non Engraved
26	Approach Slab L/S	10	4	2019	6Diax12	14	28.28	63	5000	Non Engraved
END	---	---	---	---	---	---	---	---	---	---
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Phone Nos. 042-99029202, 042-99029217

8734

To: Sub Divisional Officer  
PHE Sub Division, Raiwind.  
Project: Providing Laying Soling/Sullage Carrier/Drainage System in Gawala Colony UC Chandrai.

Dr. M. Yousaf

Our Ref. No. CL/CED/ 8308 Dated: 11-06-19

Your Ref. No. 597/R Dated: 14-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-19 Tested on: 11-06-19 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	Rectangular, Grey				7.8x3.9x3	3467	30.42	124	9140	
2	Rectangular, Grey				7.8x3.9x3	3568	30.42	124	9140	
3	Rectangular, Red				7.8x3.9x3	3633	30.42	90	6630	
4	Rectangular, Red				7.8x3.9x3	3632	30.42	92	6780	
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Phone Nos. 042-99029202, 042-99029217

8739

To: **Abdul Ghafar, Project Manager**  
**Liberty Builders 17-A Cooper Road, Lahore.**  
**Project:Constt. of Zee Avenue, 17-A Cooper Road, Lahore. Zone-C, Water Tank, Part-1, Basement-2.**

Engr. A. Rehman

Our Ref. No. CL/CED/ 8309 Dated: 11-06-19

Your Ref. No. CONC-20190610 Dated: 10-06-19

COMPRESSION TEST REPORT

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

Specimens received on: 11-06-19 Tested on: 11-06-19 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	676	9	5	2019	6Diax12	13.6	28.28	81	6420	Non Engraved
2	677	9	5	2019	6Diax12	13.4	28.28	81	6420	Non Engraved
3	678	9	5	2019	6Diax12	13.8	28.28	66	5230	Non Engraved
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Department of Civil Engineering  
University of Engineering and Technology, Lahore  
Phone Nos. 042-99029202, 042-99029217

8739

To: **Abdul Ghafar, Project Manager**  
**Liberty Builders 17-A Cooper Road, Lahore.**  
**Project:Constt. of Zee Avenue, 17-A Cooper Road, Lahore. Zone-A, 2nd Floor Column.**

Engr. A. Rehman

Our Ref. No. CL/CED/ 8310 Dated: 11-06-19  
Your Ref. No. CONC-20190610 Dated: 10-06-19

COMPRESSION TEST REPORT

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

Specimens received on: 11-06-19 Tested on: 11-06-19 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	685	10	5	2019	6Diax12	13.4	28.28	87	6900	Non Engraved
2	686	10	5	2019	6Diax12	13.6	28.28	132	10460	Non Engraved
3	687	10	5	2019	6Diax12	13.4	28.28	85	6740	Non Engraved
4	695	12	5	2019	6Diax12	14	28.28	100	7930	Non Engraved
5	696	12	5	2019	6Diax12	14	28.28	87	6900	Non Engraved
6	697	12	5	2019	6Diax12	14.2	28.28	64	5070	Non Engraved
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University of Engineering and Technology, Lahore  
Phone Nos. 042-99029202, 042-99029217

To: Assistant Civil Engineer (N), SIE-III Gujranwala.  
Punjab Small Industries Corporation.  
Project:Construction of RCC Roads SIE 3 EPZ Gujranwala.

8708  
Engr. A. Rehman

Our Ref. No. CL/CED/ 8311 Dated: 11-06-19

Your Ref. No. SIC/SIEG-III(EPZ)/269 Dated: 28-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 29-05-19 Tested on: 11-06-19 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)	15	5	2019	6x6x6	8	36	31	1930	Engraved
2	(1:2:4)	15	5	2019	6x6x6	7.4	36	21	1310	Engraved
3	(1:2:4)	15	5	2019	6x6x6	7.4	36	22	1370	Engraved
4	(1:4:8)	13	5	2019	6x6x6	7.4	36	34	2120	Engraved
5	(1:4:8)	13	5	2019	6x6x6	7.4	36	28	1750	Engraved
6	(1:4:8)	13	5	2019	6x6x6	8	36	23	1440	Engraved
End	---	---	---	---	---	---	---	---	---	---
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](http://www.uet.edu.pk/faculties/facultiesinfo/departement?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"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

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To: Mian Muhammad Sikandar, Sales & Marketing Manager  
5A Engg. Gulberg III, Lahore.  
Project: PSO

Engr. A. Rehman

Our Ref. No. CL/CED/ 8312 Dated: 11-06-19

Your Ref. No. Nil Dated: 10-06-19

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-19 Tested on: 11-06-19 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		5	5	2019	6x6x6	8	36	61	3800	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
3										
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departments?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"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