



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

8321

To: **(Umar Abdul Rehman), Assistant Director**
Anticorruption Establishment, Dera Ghazi Khan.

Dr. M. Yousaf

Project: Dualization of Road from Muzaffargarh to DG Khan, Length 20.60 Km Distt. DG Khan.

Our Ref. No. CL/CED/ 7948 Dated: 25-04-19

Your Ref. No. 37-DDT Dated: 20-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 26-03-19 Tested on: 24-04-19 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	11,11			3528	8.9x4.3x2.9	3150	38.27	45	2640	12
2	11,11			3440	8.8x4.2x3	3050	36.96	53	3220	12.7
3	11,11			3540	8.9x4.4x2.9	3140	39.16	40	2290	12.7
4	11,11			3490	9x4.4x2.8	3155	39.6	37	2100	10.61
5	11,11			3530	8.9x4.3x3	3114	38.27	27	1590	13.35
6	11,11			3545	9x4.2x2.9	3225	37.8	30	1780	9.92
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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



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

8493
Engr. Aamina

To: Deputy Director (QCD)
WASA, LDA, Lahore. Training Centre WASA, Block-A, Gulshan-e-Ravi, Lahore.
Project: Tnd.#P&S/25.01/6017, Pkg-II, Manuf.of RCC Manhole Covers in Diff.Sizes.(M/s Shezone Pipe Indus)

Our Ref. No. CL/CED/ 7949 Dated: 25-04-19

Your Ref. No. QCD/321-22 Dated: 16-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 19-04-19 Tested on: 23-04-19 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
		Month	Day	Year						
1		28	3	2019	6x6x6	8.2	36	35	2180	Engraved
2		28	3	2019	6x6x6	8	36	34	2120	Engraved
3		29	3	2019	6x6x6	8	36	25	1560	Engraved
4		29	3	2019	6x6x6	8.2	36	34	2120	Engraved
5		31	3	2019	6x6x6	8.2	36	57	3550	Engraved
6		31	3	2019	6x6x6	8.2	36	60	3740	Engraved
7		1	4	2019	6x6x6	8.2	36	73	4550	Engraved
8		1	4	2019	6x6x6	8.2	36	65	4050	Engraved
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To: Deputy Director (QCD)

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WASA, LDA, Lahore. Training Centre WASA, Block-A, Gulshan-e-Ravi, Lahore.

Project: Tnd.#P&S/25.01/6017, Pkg-II, Manuf. of RCC Manhole Covers in Diff. Sizes. (M/s Shezone Pipe Indus)

Our Ref. No. CL/CED/

7950

Dated:

25-04-19

Your Ref. No.

QCD/323-24

Dated:

16-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 19-04-19 Tested on: 23-04-19 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		23	3	2019	6x6x6	8	36	55	3430	Engraved
2		23	3	2019	6x6x6	8	36	52	3240	Engraved
3		24	3	2019	6x6x6	8	36	61	3800	Engraved
4		24	3	2019	6x6x6	8	36	59	3680	Engraved
5		26	3	2019	6x6x6	8.4	36	57	3550	Engraved
6		26	3	2019	6x6x6	8.4	36	61	3800	Engraved
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To: Deputy Director (QCD)

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WASA, LDA, Lahore. Training Centre WASA, Block-A, Gulshan-e-Ravi, Lahore.

Project: Tnd.#P&S/25.01/6017, Pkg-II, Manuf.of RCC Manhole Covers in Diff.Sizes.(M/s Shezone Pipe Indus)

Our Ref. No. CL/CED/

7951

Dated:

25-04-19

Your Ref. No.

QCD/325-26

Dated:

16-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 19-04-19 Tested on: 23-04-19 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		19	3	2019	6x6x6	8.4	36	56	3490	Engraved
2		19	3	2019	6x6x6	8.4	36	62	3860	Engraved
3		20	3	2019	6x6x6	8	36	31	1930	Engraved
4		20	3	2019	6x6x6	8	36	26	1620	Engraved
5		22	3	2019	6x6x6	8.2	36	41	2560	Engraved
6		22	3	2019	6x6x6	8.2	36	53	3300	Engraved
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8529
Dr. Aqsa

To: (Ch. Abdul Ghafoor), Resident Engineer.

PEPAC W.W.C Adjacent to Sundar Industrial Estate Kasur.

Project: Estab. of W.W.C (Phase-1), Pkg-R, Hostel Building (2nd Floor Roof Slab), M/s Abid Brothers

Our Ref. No. CL/CED/ 7952 Dated: 25-04-19

Your Ref. No. RE/WWC-K/2019/65-66 Dated: 24-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 24-04-19 Tested on: 25-04-19 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
		Month	Day	Year						
1		26	3	2019	6x6x6	8.6	36	84	5230	Engraved
2		26	3	2019	6x6x6	9	36	60	3740	Engraved
3		26	3	2019	6x6x6	9	36	88	5480	Engraved
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Director/Dy. Director Concrete Laboratory



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8529

Dr. Aqsa

To: **(Ch. Abdul Ghafoor), Resident Engineer.**

PEPAC W.W.C Adjacent to Sundar Industrial Estate Kasur.

Project: Estab. of W.W.C (Phase-1), Pkg-R, High School 1 (2nd Floor Columns), M/s Abid Brothers

Our Ref. No. CL/CED/ 7953 Dated: 25-04-19

Your Ref. No. RE/WWC-K/2019/67-68 Dated: 24-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 24-04-19 Tested on: 25-04-19 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
		Month	Day	Year						
1		4	4	2019	6x6x6	8.4	36	85	5290	Engraved
2		4	4	2019	6x6x6	8.4	36	50	3120	Engraved
3		4	4	2019	6x6x6	8.6	36	47	2930	Engraved
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8529

Dr. Aqsa

To: **(Ch. Abdul Ghafoor), Resident Engineer.**

PEPAC W.W.C Adjacent to Sundar Industrial Estate Kasur.

Project: Estab. of W.W.C (Phase-1), Pkg-R, High School 2 (1st Floor Columns), M/s Abid Brothers

Our Ref. No. CL/CED/ 7954 Dated: 25-04-19

Your Ref. No. RE/WWC-K/2019/69-70 Dated: 24-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 24-04-19 Tested on: 25-04-19 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
		Month	Day	Year						
1		6	4	2019	6x6x6	8.6	36	76	4730	Engraved
2		6	4	2019	6x6x6	8.4	36	63	3920	Engraved
3		6	4	2019	6x6x6	8.4	36	68	4240	Engraved
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8529

Dr. Aqsa

To: **(Ch. Abdul Ghafoor), Resident Engineer.**

PEPAC W.W.C Adjacent to Sundar Industrial Estate Kasur.

Project: Estab. of W.W.C (Phase-1), Pkg-R, Hostel Building (3rd Floor Columns), M/s Abid Brothers.

Our Ref. No. CL/CED/ 7955 Dated: 25-04-19

Your Ref. No. RE/WWC-K/2019/71-72 Dated: 24-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 24-04-19 Tested on: 25-04-19 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
		Month	Day	Year						
1		10	4	2019	6x6x6	8.2	36	59	3680	Engraved
2		10	4	2019	6x6x6	8.6	36	46	2870	Engraved
3		10	4	2019	6x6x6	8.4	36	56	3490	Engraved
End	---	---	---	---	---	---	---	---	---	---
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Dr. Aqsa

To: (Ch. Abdul Ghafoor), Resident Engineer.

PEPAC W.W.C Adjacent to Sundar Industrial Estate Kasur.

Project: Estab. of W.W.C (Phase-1), Pkg-R, High School 1 (1st F. Slab 1~14/J~T), M/s Abid Brothers.

Our Ref. No. CL/CED/ 7956 Dated: 25-04-19

Your Ref. No. RE/WWC-K/2019/63-64 Dated: 22-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 24-04-19 Tested on: 25-04-19 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		22	3	2019	6x6x6	8.4	36	71	4420	Engraved
2		22	3	2019	6x6x6	8.6	36	64	3990	Engraved
3		22	3	2019	6x6x6	8.4	36	60	3740	Engraved
End	---	---	---	---	---	---	---	---	---	---
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To: **(Ch. Abdul Ghafoor), Resident Engineer.**

PEPAC W.W.C Adjacent to Sundar Industrial Estate Kasur.

Project: Estab. of W.W.C (Phase-1), Pkg-R, High School 2 (G.F. Slab 1~14/A~H), M/s Abid Brothers.

Our Ref. No. CL/CED/ 7957 Dated: 25-04-19

Your Ref. No. RE/WWC-K/2019/61-62 Dated: 22-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 24-04-19 Tested on: 25-04-19 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
		Month	Day	Year						
1		19	3	2019	6x6x6	9	36	86	5360	Engraved
2		19	3	2019	6x6x6	9	36	56	3490	Engraved
3		19	3	2019	6x6x6	8.4	36	70	4360	Engraved
End	---	---	---	---	---	---	---	---	---	---
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