



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

9413

Dr. Aqsa

To: **Osama Hassan, Resident Engineer**

**NESPAK (Pvt) Ltd. (M/S Mian Baber Construction Company)**

**Project: Development of Infrastructure in LDA City, Lahore (Package 2 of Development Area-1).**

Our Ref. No. CL/CED/ 9273 Dated: 20-11-19

Your Ref. No. 4047/13/OH/03-MBCC/25 Dated: 22-10-19

## COMPRESSION TEST REPORT

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

Specimens received on: 28-10-19 Tested on: 12-11-19 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	70		8.9x4.3x2.8	3124	38.27	34	1990	
2	70		8.9x4.4x2.8	3149	39.16	63	3610	
3	70		8.9x4.4x2.8	3171	39.16	60	3440	
4	70		8.8x4.4x2.9	3129	38.72	51	2950	
5	70		8.8x4.3x2.8	3097	37.84	47	2790	
6	RB		8.8x4.3x2.9	2934	37.84	42	2490	
7	RB		8.8x4.3x2.9	3941	37.84	37	2190	
8	RB		8.8x4.4x2.8	2993	38.72	37	2140	
9	RB		8.9x4.4x2.8	2909	39.16	25	1430	
10	RB		8.8x4.4x2.8	3009	38.72	36	2090	
11	ASJ		8.8x4.4x2.8	3144	38.72	73	4230	
12	ASJ		8.9x4.4x2.8	3194	39.16	39	2240	
13	ASJ		8.9x4.3x2.8	3220	38.27	59	3460	
14	ASJ		8.8x4.3x2.9	3209	37.84	53	3140	
15	ASJ		8.9x4.3x2.9	3111	38.27	40	2350	
16								

Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\\_reports&id=6](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**  
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Phone Nos. 042-99029202, 042-99029217

9447

Dr. Aqsa

To: **Engr. Tajammal Farooq (Resident Engineer AZEA)**

**AZ Engineering Associates, Lahore**

**Project: Constt. of Scheme Pertaining to "Naya Pakistan Manzilyen Asan" RAP Phase-I for the year 2018-19  
Pertaining to Highway Circle Lahore (Distt. Kasur) 1.(Length=10.32 KM) Constt. of Road From Lahore  
Multan Road N-5 at Sai Di Khoi to Kot Islam Via Dobaa, Garayala Chak No.28 & Kanni Village, Distt. Kasur**

Our Ref. No. CL/CED/

9274

Dated:

20-11-19

Your Ref. No.

RE/LHR-110

Dated:

01-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 04-11-19 Tested on: 19-11-19 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	28		8.9x4.4x2.9	3010	39.16	62	3550	
2	28		8.9x4.4x2.9	3061	39.16	68	3890	
3	28		8.9x4.3x2.8	3109	38.27	50	2930	
4	28		8.8x4.3x2.8	3021	37.84	55	3260	
5	28		8.9x4.3x2.9	3059	38.27	55	3220	
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AZ Engineering Associates, Lahore

Project: Constt. of Scheme Pertaining to "Naya Pakistan Manzilyen Asan" RAP Phase-I for the year 2018-19  
Pertaining to Highway Circle Lahore (Distt. Kasur) 1. Rehab. of Road From Talwandi to Jajjal Length = 7.45KM  
(Length=5.00KM) Constt. of Road From Lahore Multan Road N-5 at Ghelan Phattik to Chunian Habibabad  
oad Via Ghela & Donkey Including Link Ghelan Village in Distt. Kasur & Sr. No.3

Our Ref. No. CL/CED/ 9275-1 of 2 Dated: 20-11-19

Your Ref. No. RE/LHR-98 Dated: 23-10-19

## COMPRESSION TEST REPORT

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

Specimens received on: 04-11-19 Tested on: 19-11-19 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	IBC		8.9x4.4x2.9	2904	39.16	38	2180	
2	IBC		8.8x4.3x2.9	2921	37.84	51	3020	
3	IBC		8.8x4.4x2.8	2909	38.72	41	2380	
4	IBC		8.8x4.3x2.8	2951	37.84	45	2670	
5	IBC		8.9x4.4x2.9	2934	39.16	50	2860	
6	S		8.9x4.3x2.9	2728	38.27	64	3750	
7	S		8.9x4.3x2.8	2751	38.27	43	2520	
8	S		8.9x4.4x2.8	2719	39.16	47	2690	
9	S		8.8x4.5x2.9	2707	40.05	27	1510	
10	S		8.8x4.4x2.8	2739	38.72	54	3130	
11	MB		8.8x4.4x2.9	3026	38.72	50	2900	
12	MB		8.8x4.4x2.9	3029	38.72	45	2610	
13	MB		8.8x4.3x2.9	3104	37.84	51	3020	
14	MB		8.9x4.3x2.8	3051	38.27	59	3460	
15	MB		8.9x4.3x2.8	3069	38.27	43	2520	
16								

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Constt. of Road From Lahore Multan Road N-5 at Ghelan Phattik to Chunian Habibabad oad Via Ghela &  
Donkey Including Link Ghelan Village in Distt. Kasur & Sr. No.3

Our Ref. No. CL/CED/ 9275-2 of 2 Dated: 20-11-19

Your Ref. No. RE/LHR-98 Dated: 23-10-19

## COMPRESSION TEST REPORT

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

Specimens received on: 04-11-19 Tested on: 19-11-19 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
16	SS			9.0x4.4x2.9	3173	39.6	42	2380	
17	SS			9.0x4.4x2.9	3110	39.6	46	2610	
18	SS			9.0x4.3x2.9	3119	38.7	61	3540	
19	SS			9.0x4.4x3.0	3152	39.6	43	2440	
20	SS			9.0x4.3x3.0	3149	38.7	46	2670	
21	FB			8.9x4.4x2.9	2634	39.16	41	2350	
22	FB			8.9x4.4x2.9	2651	39.16	38	2180	
23	FB			8.8x4.3x2.9	2653	37.84	40	2370	
24	FB			8.9x4.3x2.9	2629	37.84	43	2550	
25	FB			8.8x4.4x2.8	2641	38.72	37	2140	
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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9480  
Dr. Aqsa

**To: Mr. Riaz Ahmed**  
**Riaz Construction Company, Lahore**  
**Project: TCF Primary School Narowal**

Our Ref. No. CL/CED/ 9276 Dated: 20-11-19  
Your Ref. No. Nil Dated: 11-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 11-11-19 Tested on: 19-11-19 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	First Floor	25	10	2019	6x6x6	8.4	36	72	4480	Engraved
2	First Floor	25	10	2019	6x6x6	8.4	36	71	4420	Engraved
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9480  
Dr. Aqsa

**To: Mr. Riaz Ahmed**  
**Riaz Construction Company, Lahore**  
**Project: TCF Primary School Narowal**

Our Ref. No. CL/CED/ 9277 Dated: 20-11-19  
Your Ref. No. Nil Dated: 11-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 11-11-19 Tested on: 19-11-19 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	Ground Floor	29	8	2019	6x6x6	8.6	36	92	5730	Engraved
2	Ground Floor	29	8	2019	6x6x6	8.6	36	107	6660	Engraved
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9481  
Dr. Aqsa

**To: Waqas Zafar (Project Director)**  
**Peach Club, Faisalabad**  
**Project: The Qube, Lahore**

Our Ref. No. CL/CED/ 9278 Dated: 20-11-19  
Your Ref. No. Nil Dated: 11-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 11-11-19 Tested on: 19-11-19 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	Slab Ground Floor(1-2~P-S)	1	11	2019	6Diax12	13.6	28.28	27	2140	Non Engraved
2	Slab Ground Floor(1-2~P-S)	1	11	2019	6Diax12	14	28.28	19	1510	Non Engraved
3	Slab Ground Floor(1-2~P-S)	1	11	2019	6Diax12	14.2	28.28	85	6740	Non Engraved
4	Sill Beam (M1-P1)	12	10	2019	6Diax12	14	28.28	53	4200	Non Engraved
5	Sill Beam (M1-P1)	12	10	2019	6Diax12	14	28.28	58	4600	Non Engraved
6	Sill Beam (M1-P1)	12	10	2019	6Diax12	14	28.28	56	4440	Non Engraved
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9527

Dr. Asad Gillani

**To: Pak Construction System.**  
**Flat # 21, 2nd Floor, Sharaf Mension, Chowk Ganga Ram Hospital, Lahore.**  
**Project: Cotton Web ETP.**

Our Ref. No. CL/CED/ 9279 Dated: 20-11-19

Your Ref. No. Nil Dated: 19-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 19-11-19 Tested on: 20-11-19 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	ETP Design Mix (4000 Psi)	21	10	2019	6Diax12	13.3	28.28	25	1980	Non Engraved
2	ETP Design Mix (4000 Psi)	21	10	2019	6Diax12	14.2	28.28	71	5630	Non Engraved
3	ETP Design Mix (4000 Psi)	21	10	2019	6Diax12	14	28.28	75	5950	Non Engraved
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