



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

9491

Dr. M. Yousaf

To: **Sub Divisional Officer (Buildings)**
Sub Division Sheikhpura.

Project: Construction of District Education Complexes in District Sheikhpura.

Our Ref. No. CL/CED/ 9312 Dated: 25-11-19

Your Ref. No. 5920/S Dated: 08-11-19

COMPRESSION TEST REPORT

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

Specimens received on: 13-11-19 Tested on: 22-11-19 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	FB		8.9x4.3x2.9	2883	38.27	55	3220	
2	FB		8.9x4.4x2.9	2849	39.16	58	3320	
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Results can also be seen on website 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" 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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9507
Dr. Aqsa

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

AZ Engineering Associates (M/s Nazir Lak & Co.)

**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) (Length=10.32KM) (Constt. of Road Form Lahore Multan
Road N-5 at Sai Di Khoi to Kot Islam Via Deenpur Dobaa, Garayala Chak No.28 and Kanni Village)**

Our Ref. No. CL/CED/ 9313 Dated: 25-11-19

Your Ref. No. RE/LHR-111 Dated: 14-11-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-11-19 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	195+00 - 197+50	25	9	2019	6x6x6	9	36	85	5290	Non Engraved
2	195+00 - 197+50	25	9	2019	6x6x6	9	36	71	4420	Non Engraved
3	195+00 - 197+50	25	9	2019	6x6x6	8.6	36	79	4920	Non Engraved
4	185+00 - 187+50	28	9	2019	6x6x6	8.6	36	71	4420	Non Engraved
5	185+00 - 187+50	28	9	2019	6x6x6	8.4	36	63	3920	Non Engraved
6	185+00 - 187+50	28	9	2019	6x6x6	8.8	36	88	5480	Non Engraved
7	88+00 - 90+50 Link 28 Chak	29	9	2019	6x6x6	9	36	98	6100	Non Engraved
8	88+00 - 90+50 Link 28 Chak	29	9	2019	6x6x6	8.6	36	96	5980	Non Engraved
9	88+00 - 90+50 Link 28 Chak	29	9	2019	6x6x6	8.6	36	104	6480	Non Engraved
10	97+00 - 99+50 Link 28 Chak	30	9	2019	6x6x6	9	36	77	4800	Non Engraved
11	97+00 - 99+50 Link 28 Chak	30	9	2019	6x6x6	9	36	83	5170	Non Engraved
12	97+00 - 99+50 Link 28 Chak	30	9	2019	6x6x6	8.8	36	59	3680	Non Engraved
13										
14										
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16										

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Note: Above results pertain to the unsealed samples supplied to the laboratory

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Dr. Aqsa

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

AZ Engineering Associates (M/s Nazir Lak & Co.)

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)(Length=5.00KM)(Reconstt. of Road Form Lahore Multan
 Road N-5 at Ghelan Phattik to Chunian Habibabad Road Via Ghelan & Donkey Including Link Ghelan Village

Our Ref. No. CL/CED/ 9314-1 of 2 Dated: 25-11-19

Your Ref. No. RE/LHR-84 Dated: 14-11-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-11-19 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
		1	2	3						
1	31+50 - 32+75	1	9	2019	6x6x6	8.6	36	75	4670	Non Engraved
2	31+50 - 32+75	1	9	2019	6x6x6	9	36	68	4240	Non Engraved
3	31+50 - 32+75	1	9	2019	6x6x6	9	36	91	5670	Non Engraved
4	32+25 - 34+25	2	9	2019	6x6x6	9	36	77	4800	Non Engraved
5	32+25 - 34+25	2	9	2019	6x6x6	8.6	36	45	2800	Non Engraved
6	32+25 - 34+25	2	9	2019	6x6x6	8.6	36	82	5110	Non Engraved
7	34+25 - 36+25	3	9	2019	6x6x6	8.6	36	68	4240	Non Engraved
8	34+25 - 36+25	3	9	2019	6x6x6	8.8	36	62	3860	Non Engraved
9	34+25 - 36+25	3	9	2019	6x6x6	8.6	36	69	4300	Non Engraved
10	36+25 - 39+00	4	9	2019	6x6x6	8.8	36	64	3990	Non Engraved
11	36+25 - 39+00	4	9	2019	6x6x6	8.2	36	53	3300	Non Engraved
12	36+25 - 39+00	4	9	2019	6x6x6	8.6	36	83	5170	Non Engraved
13	39+00 - 42+50	7	9	2019	6x6x6	8.2	36	61	3800	Non Engraved
14	39+00 - 42+50	7	9	2019	6x6x6	8.2	36	45	2800	Non Engraved
15	39+00 - 42+50	7	9	2019	6x6x6	8.4	36	76	4730	Non Engraved
16										

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Our Ref. No. CL/CED/

9314-2 of 2

Dated:

25-11-19

Your Ref. No.

RE/LHR-84

Dated:

14-11-19

COMPRESSION TEST REPORT

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

Specimens received on:

15-11-19

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)								
16	42+50 - 45+50	8	9	2019	6x6x6	8.8	36	66	4110	Non Engraved
17	42+50 - 45+50	8	9	2019	6x6x6	8.2	36	79	4920	Non Engraved
18	42+50 - 45+50	8	9	2019	6x6x6	9	36	75	4670	Non Engraved
19	45+50 - 48+00	11	9	2019	6x6x6	8.8	36	58	3610	Non Engraved
20	45+50 - 48+00	11	9	2019	6x6x6	8.4	36	66	4110	Non Engraved
21	45+50 - 48+00	11	9	2019	6x6x6	8.6	36	47	2930	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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9541
Dr. Aqsa

To: Mr. Fahim Khan, Manager Projects
Elite Engineering Pvt. Ltd. 113-L1, Valancia Town, Lahore. (Gas and Oil Pakitan Ltd.)
Project: Coco Mangla Cantt Fuel Station.

Our Ref. No. CL/CED/ 9315 Dated: 25-11-19

Your Ref. No. Nil Dated: 22-11-19

COMPRESSION TEST REPORT

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

Specimens received on: 22-11-19 Tested on: 25-11-19 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	Recangular Grey		7.7x3.8x3.0	3356	29.26	90	6890	
2	Recangular Grey		7.7x3.8x3.0	3388	29.26	94	7200	
3	Recangular Grey		7.7x3.8x3.0	3363	29.26	75	5750	
4	Recangular Grey		7.7x3.8x3.0	3391	29.26	80	6130	
5	Recangular Grey		7.7x3.8x3.0	3372	29.26	67	5130	
6	Recangular Grey		7.7x3.8x3.0	3370	29.26	88	6740	
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9538
Dr. Aqsa

To: Director Project
Minhaj-ul-Quran International, Model Town, Lahore.
Project: Nil

Our Ref. No. CL/CED/ 9316 Dated: 25-11-19
Your Ref. No. DOC/7037/19 Dated: 21-11-19

COMPRESSION TEST REPORT

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

Specimens received on: 21-11-19 Tested on: 25-11-19 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	Rock Stone Tile		6x6x1	1380	36	182	11330	
2	Rock Stone Tile		6x6x1	1359	36	169	10520	
3	Rock Stone Tile		6x6x1	1210	36	173	10770	
4	Rock Stone Tile		6x6x1	1345	36	171	10640	
5	Rock Stone Tile		6x6x1	1310	36	169	10520	
6	Rock Stone Tile		6x6x1	1308	36	162	10080	
7	Rock Stone Tile		6x6x1	1330	36	165	10270	
8	Rock Stone Tile		6x6x1	1324	36	160	9960	
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