



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

8667

To: **Mr. Arfan Nazir, Manager Civil**

Engr. Aamina

Nishat Mills Ltd. (Contractor: Guarantee Engineers (Pvt) Ltd.)

Project: Nishat 3.2 MW Power Plant Extension Unit 42. (TG Foundation & Column Footing).

Our Ref. No. CL/CED/ 8242 Dated: 28-05-19

Your Ref. No. Nil Dated: 20-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 21-05-19 Tested on: 21-05-19 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
		Month	Day	Year						
1	C-35	13	5	2019	6Diax12	14	28.28	57	4520	Engraved
2	C-35	13	5	2019	6Diax12	14	28.28	55	4360	Engraved
3	C-35	13	5	2019	6Diax12	13.8	28.28	59	4680	Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/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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University of Engineering and Technology, Lahore

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8691

To: **Muhammad Saleem Bhatti, Resident Engineer**

Dr. Rizwan Azam

AZ Engineering Associates.

Project: Const. of Road K.L. Warrach Rigid Pavem. Dual Carriageway GWA to HFZ, L=2.00 Km (Group-2)

Our Ref. No. CL/CED/ 8243 Dated: 28-05-19

Your Ref. No. AZEA/REKMK/800 Dated: 20-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 24-05-19 Tested on: 28-05-19 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	114+20-115+10	23	4	2019	6x6x6	8.4	36	79	4920	Non Engraved
2	114+20-115+10	23	4	2019	6x6x6	8.4	36	102	6350	Non Engraved
3	114+20-115+10	23	4	2019	6x6x6	8.2	36	114	7100	Non Engraved
4	112+40-114+20	24	4	2019	6x6x6	8.2	36	104	6480	Non Engraved
5	112+40-114+20	24	4	2019	6x6x6	8.2	36	86	5360	Non Engraved
6	112+40-114+20	24	4	2019	6x6x6	8.4	36	104	6480	Non Engraved
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8623

Dr. Rizwan Azam

To: Resident Engineer

KQC Road Project N-25. (Izhar Pvt. Ltd.)

Project: Kuchlak Bypass Additional Work under USAID for Kalat-Quetta-Chaman Section N-25.

Our Ref. No. CL/CED/

8244

Dated:

28-05-19

Your Ref. No.

KQC/Add/RE/275

Dated:

04-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 14-05-19 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	Kerb Stone				6x6x5.4	7795	36	104	6480	Cut Cube
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8696

Dr. Rizwan Azam

To: Divisional Forest Officer
Okara Forest Division Okara. (M/S Manzoor Aalam & Sons)
Project: Segment used for Lining in Depalpur Plantation, Piplipahar District Okara.

Our Ref. No. CL/CED/ 8245 Dated: 28-05-19

Your Ref. No. 4746/AC Okara Dated: 12-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 27-05-19 Tested on: 28-05-19 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
		Month	Day	Year						
1	Segment # 7	10	3	2019	6x6x6	8.4	36	134	8340	Engraved
2	Segment # 8	11	3	2019	6x6x6	8.3	36	134	8340	Engraved
3	Segment # 9	23	3	2019	6x6x6	8.2	36	138	8590	Engraved
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8671

To: **Mr. Hassan Ali, Director Projects**

Dr. M. Yousaf

Filigree Enterprises, Temple Road, Lahore. (Client: Spark World Electronics (Pvt) Ltd.)

Project: Boundary Wall

Our Ref. No. CL/CED/ 8246 Dated: 28-05-19

Your Ref. No. Nil Dated: 21-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 22-05-19 Tested on: 22-05-19 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	Col. Line 14,15	13	5	2019	6x6x6	8.4	36	60	3740	Non Engraved
2	Col. Line 14,15	13	5	2019	6x6x6	8.4	36	104	6480	Non Engraved
3	Col. Line 12C	20	4	2019	6x6x6	8.4	36	86	5360	Non Engraved
4	Col. Line 12C	20	4	2019	6x6x6	8.4	36	48	2990	Non Engraved
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