



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

8782

Engr. Ubaid

To: Mr. Shahid Mohsin, Sr. Dy. Manager (Purchase)
Pioneer Cement Ltd. Jauharabad, District Khushab.
Project: Construction of Non Plant Buildings.

Our Ref. No. CL/CED/ 8432 Dated: 01-07-19

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

COMPRESSION TEST REPORT

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

Specimens received on: 19-06-19 Tested on: 26-06-19 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	Solid Block				12x6x8	20	72	71	2210	
2	Solid Block				12x6x8	18.4	72	43	1340	
3	Solid Block				12x6x8	20.5	72	63	1960	
4	Solid Block				12x6x8	20	72	48	1500	
5	Solid Block				12x6x8	20.7	72	71	2210	
6	Solid Block				12x6x8	19	72	63	1960	
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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



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8823

To: (Syed Nabeel Hassan), Resident Engineer

Engr. A. Rehman

NESPAK (Pvt) Ltd. (M/s Modern Construction Co.)

Project: Rehab./Carpeting of Road from Naqsha Stop to Shahab Ud Din School Wahdat Colony, Service Road

Our Ref. No. CL/CED/ 8433 Dated: 01-07-19

Your Ref. No. 4047- R/13/SNH/07/MCC/007 Dated: 15-06-19

COMPRESSION TEST REPORT

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

Specimens received on: 27-06-19 Tested on: 01-07-19 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		3	6	2019	6Diax12	13.2	28.28	88	6980	Non Engraved
2		3	6	2019	6Diax12	13.4	28.28	73	5790	Non Engraved
3		3	6	2019	6Diax12	13	28.28	86	6820	Non Engraved
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8827

To: (Engr. Tauqeer Iqbal), Divisional Engineer E.S (Civil), Works Division Faisalabad.
Civil Aviation Authority Faisalabad International Airport.
Project: Construction of Staff Mess at Faisalabad Airport.

Engr. A. Rehman

Our Ref. No. CL/CED/ 8434 Dated: 01-07-19
Your Ref. No. FIAP/1443-15/10-Vol-1/FACV Dated: 24-06-19

COMPRESSION TEST REPORT

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

Specimens received on: 27-06-19 Tested on: 01-07-19 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	Uni-Block, Grey				4670	37.25	127	7640		
2	Uni-Block, Grey				4629	37.25	128	7700		
3	Uni-Block, Grey				4382	37.25	98	5900		
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8827

To: (Engr. Tauqeer Iqbal), Divisional Engineer E.S (Civil), Works Division Faisalabad.
Civil Aviation Authority Faisalabad International Airport.
Project: Construction of Officers Mess at Faisalabad Airport.

Engr. A. Rehman

Our Ref. No. CL/CED/ 8435 Dated: 01-07-19

Your Ref. No. FIAP/1443-15/10-Vol-1/FACV Dated: 24-06-19

COMPRESSION TEST REPORT

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

Specimens received on: 27-06-19 Tested on: 01-07-19 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	Uni-Block, Grey				4628	37.25	114	6860		
2	Uni-Block, Grey				4265	37.25	98	5900		
3	Uni-Block, Grey				4460	37.25	87	5240		
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8841

Engr. Aamina

To: Wang Bo, Chief Executive
Pak Matiari-Lahore Transmission Company (Pvt) Ltd.
Project: : ±660Kv Matiari-Lahore HVDC Transmission Line (T#2118 of Lot-7)

Our Ref. No. CL/CED/ 8436 Dated: 01-07-19

Your Ref. No. MLTC-NTDC-19-2396 Dated: 01-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 01-07-19 Tested on: 01-07-19 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	A	22	6	2019	6Diax12	13.2	28.28	51	4040	Engraved
2	A	22	6	2019	6Diax12	13.3	28.28	49	3890	Engraved
3	B	22	6	2019	6Diax12	13.2	28.28	46	3650	Engraved
4	B	22	6	2019	6Diax12	13.2	28.28	48	3810	Engraved
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8775

To: **M. Qasim Naseer (Manager Proposals)**

Engr. Aamina

Ittefaq Building Solutions (Pvt) Ltd. (Client: US-Denim), (Consultant: TSM Design Studio)

Project: Sterling Complex, Izmir Town, Lahore.

Our Ref. No. CL/CED/

8437

Dated:

01-07-19

Your Ref. No.

Nil

Dated:

18-06-19

COMPRESSION TEST REPORT

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

Specimens received on: 18-06-19 Tested on: 01-07-19 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	MPA				8.9x4.4x3	3126	39.16	38	2180	
2	MPA				8.8x4.4x2.8	3005	38.72	32	1860	
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