



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

9742
Dr. Aqsa

To: Arfan ul Haq (Resident Engineer)
H&TE Sec., NESPAK Pvt. Ltd. Islamabad (M/s Naeem Ashraf)
Project: CPEC, Western Route Hakla (On M1) ~ Yarak (D.I Khan) Motorway, Package-3 (Tarap Kot Belian)

Our Ref. No. CL/CED/ 9685 Dated: 17-01-20

Your Ref. No. CPEC/NESPAK/CS/RE/PKG3/19/1303 Dated: 17-12-19

COMPRESSION TEST REPORT

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

Specimens received on: 01-01-20 Tested on: 14-01-20 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	J 17				8.8x4.2x3.0	2980	36.96	25	1520	
2	J 17				8.9x4.5x3.0	2971	40.05	18	1010	
3	J 17				8.9x4.3x3.0	2994	38.27	23	1350	
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departement?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"diax12" 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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9757
Dr. Aqsa

To: Muhammad Hanif Khokhar (Resident Engineer)
CM Div., NESPAK Pvt. Ltd. Lahore (M/s Rehmat Traders)
Project: Improvement of Roads & PCC Streets in Different Blocks of M.A Johar Town PP 170 & 173, Lahore

Our Ref. No. CL/CED/ 9686 Dated: 17-01-20
Your Ref. No. 4047-R3/13/MHK/03/35 Dated: 31-12-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-01-20 Tested on: 14-01-20 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				8.9x4.5x2.9	3031	40.05	32	1790	
2	70				9.0x4.5x2.9	3069	40.5	39	2160	
3	70				8.9x4.5x2.9	3071	40.05	32	1790	
4	70				9.0x4.5x3.0	3109	40.5	30	1660	
5	70				9.0x4.5x3.0	3090	40.5	33	1830	
6	70				8.9x4.5x2.9	3112	40.05	42	2350	
7	70				8.9x4.5x2.9	3074	40.05	27	1510	
8	70				9.0x4.5x3.0	3084	40.5	38	2110	
9	70				9.0x4.5x2.9	3129	40.5	26	1440	
10	70				9.0x4.5x2.9	3054	40.5	46	2550	
11	70				8.9x4.5x2.9	3091	40.05	26	1460	
12	70				9.0x4.5x2.9	3102	40.5	37	2050	
13										
14										
15										
16										

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9773

To: Rana Aadil Farooq (Deputy Director QCD)
WASA, LDA, Lahore / (M/s Main Zahoor UI Din)
Project: Tender No.XEN(O&M)-II/GBT/6575-80/2019-20/04 Development Works/Replacement/Improvement
at New Shalimar Town in Front of Hamza Masjid Near Super Market Chowk in Gulshan-E-Ravi Sub Division
WASA, LDA, Lahore

Dr. Rizwan Riaz

Our Ref. No. CL/CED/ 9687 Dated: 17-01-20
Your Ref. No. QCD/47-48 Dated: 06-01-20

COMPRESSION TEST REPORT

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

Specimens received on: 07-01-20 Tested on: 16-01-20 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	AF		8.9x4.4x2.9	3140	39.16	43	2460	
2	AF		8.9x4.4x2.9	3195	39.16	47	2690	
3	AF		8.9x4.4x2.9	3135	39.16	43	2460	
4	AF		8.8x4.4x2.9	3184	38.72	45	2610	
5	AF		8.9x4.5x2.9	3290	40.05	47	2630	
6	AF		8.9x4.5x2.9	3130	40.05	45	2520	
7	AF		8.8x4.4x2.9	3160	38.72	47	2720	
8	AF		8.8x4.5x2.8	3145	39.6	47	2660	
9	AF		8.9x4.5x2.9	3149	40.05	49	2750	
10	AF		8.8x4.4x2.9	3202	38.72	43	2490	
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12								
13								
14								
15								
16								

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