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

To: **Syed Yasir Ali (Resident Engineer)** Dr. Aqsa
CM Div., Nespak (Pvt.) Ltd. Lahore
Project: Establishment of U.E.T Lahore Sub Campus at Narowal, Construction of Innovation Centre, Auditorium and Jamia Masjid Innovation Centre

Our Ref. No. CL/CED/ 1129-1 of 2 Dated: 04-11-20

Your Ref. No. 3863/13/SYA/Labtesting/140 Dated: 20-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 22-10-20 Tested on: 04-11-20 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	AB				8.0x3.8x2.7	2413	30.4	47	3470	
2	AB				8.0x3.9x2.7	2443	31.2	49	3520	
3	AB				8.2x4.0x2.8	2395	31.98	41	2880	
4	AB				8.0x4.0x2.8	2486	32.8	43	2940	
5	AB				8.2x4.0x2.7	2475	32.8	47	3210	
6	AB				8.1x3.8x2.6	2392	30.78	47	3420	
7	AB				8.3x3.9x2.8	2445	32.37	41	2840	
8	AB				8.2x3.9x2.8	2446	31.98	41	2880	
9	AB				8.2x4.0x2.7	2460	32.8	43	2940	
10	AB				8.0x3.9x2.7	2450	31.2	34	2450	
11	AB				8.2x3.9x2.7	2439	31.98	51	3580	
12	AB				8.2x3.8x2.7	2444	31.16	47	3380	
13										
14										
15										
16										

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"diax12" cylinder) strength at 28 days as comprerssive 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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Phone Nos. 042-99029202, 042-99029217

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Project: Establishment of U.E.T Lahore Sub Campus at Narowal, Construction of Innovation Centre, Auditorium and Jamia Masjid Innovation Centre

Our Ref. No. CL/CED/ 1129-2 of 2 Dated: 04-11-20

Your Ref. No. 3863/13/SYA/Labtesting/140 Dated: 20-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 22-10-20 Tested on: 04-11-20 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
13	MS		8.2x4.0x2.7	2599	32.8	38	2600	
14	MS		8.2x4.0x2.6	2608	32.8	46	3150	
15	MS		8.3x4.0x2.7	2613	33.2	43	2910	
16	MS		8.2x4.1x2.7	2535	33.62	51	3400	
17	MS		8.2x4.0x2.7	2625	32.8	53	3620	
18	MS		8.4x4.1x2.7	2711	34.44	38	2480	
19	MS		8.2x4.0x2.7	2747	32.8	47	3210	
20	MS		8.3x4.0x2.7	2522	33.2	43	2910	
21	MS		8.5x4.0x2.7	2780	34	50	3300	
22	MS		8.2x4.0x2.7	2649	32.8	40	2740	
23	MS		8.1x4.0x2.6	2656	32.4	46	3180	
24	MS		8.4x4.0x2.8	2709	33.6	38	2540	
13								
14								
15								
16								

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Phone Nos. 042-99029202, 042-99029217

To: **Sub Divisional Officer** Dr. Mazar
Buildings Sub Division No.2, Lahore.
Project: Re-Construction of Damaged Buildings of Stores, Workshop, Garages and Bomb Disposal Office Civil Defance Directorate Lahore.

Our Ref. No. CL/CED/ 1130 Dated: 04-11-20

Your Ref. No. 2542 Dated: 13-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 19-10-20 Tested on: 04-11-20 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	K-2		8.9x4.4x3.0	3247	39.16	65	3720	
2	K-2		9x4.5x2.9	3285	40.5	61	3380	
3	K-2		8.9x4.5x3.0	3256	40.05	71	3980	
4	K-2		8.8x4.4x2.9	3271	38.72	69	4000	
5	K-2		9x4.4x3.0	3245	39.6	60	3400	

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