



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

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Dr. Aqsa

To: **Mirza M. Arshad Baig (Resident Engineer)**
Meinhardt Pakistan (Pvt.) Ltd.
Project: PEC Building, Lahore

Our Ref. No. CL/CED/ 1145-1 of 2 Dated: 09-11-20

Your Ref. No. MPPL/Proj/PEC/LHR/RE/018 Dated: 31-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 02-11-20 Tested on: 04-11-20 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		17	10	2020	6Diax12	13.2	28.28	58	4600	Engraved
2		17	10	2020	6Diax12	13.2	28.28	55	4360	Engraved
3		18	10	2020	6Diax12	13.2	28.28	54	4280	Engraved
4		18	10	2020	6Diax12	13.4	28.28	62	4920	Engraved
5		19	10	2020	6Diax12	13.4	28.28	57	4520	Engraved
6		19	10	2020	6Diax12	13.2	28.28	58	4600	Engraved
7		20	10	2020	6Diax12	13.2	28.28	50	3960	Engraved
8		20	10	2020	6Diax12	13.2	28.28	57	4520	Engraved
9		21	10	2020	6Diax12	13.2	28.28	59	4680	Engraved
10		21	10	2020	6Diax12	13.4	28.28	60	4760	Engraved
11		22	10	2020	6Diax12	13.4	28.28	57	4520	Engraved
12		22	10	2020	6Diax12	13.2	28.28	56	4440	Engraved
13		23	10	2020	6Diax12	13.6	28.28	53	4200	Engraved
14		23	10	2020	6Diax12	14	28.28	62	4920	Engraved
15		24	10	2020	6Diax12	13.6	28.28	75	5950	Engraved
16		24	10	2020	6Diax12	13.8	28.28	57	4520	Engraved

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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Dr. Aqsa

To: **Mirza M. Arshad Baig (Resident Engineer)**
Meinhardt Pakistan (Pvt.) Ltd.
Project: PEC Building, Lahore

Our Ref. No. CL/CED/ 1145-2 of 2 Dated: 09-11-20
Your Ref. No. MPPL/Proj/PEC/LHR/RE/018 Dated: 31-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 02-11-20 Tested on: 04-11-20 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)								
17		25	10	2020	6Diax12	14	28.28	64	5070	Engraved
18		25	10	2020	6Diax12	13.4	28.28	61	4840	Engraved
19		26	10	2020	6Diax12	13.2	28.28	63	4990	Engraved
20		26	10	2020	6Diax12	13.2	28.28	61	4840	Engraved
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To: **Rashid Kamran (Resident Engineer)**
CM Div., NESPAK (Pvt.) Ltd. Lahore.

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Engr. Ubaid

Project: Rehabilitation & Improvement of Roads Infrastructure in Allama Iqbal Town, Lahore

Our Ref. No. CL/CED/ 1146 Dated: 09-11-20

Your Ref. No. 4047-R2/13/RK/039124 Dated: 03-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 04-10-20 Tested on: 09-11-20 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	7 0		8.9x4.3x3.0	3485	38.27	43	2520	
2	7 0		9.0x4.3x2.8	3272	38.7	40	2320	
3	7 0		8.7x4.2x2.9	3288	36.54	53	3250	
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Engr. Ubaid

To: Syed Yasir Ali (Resident Engineer)**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 Auditorium**

Our Ref. No. CL/CED/ 1147-1 of 2 Dated: 09-11-20

Your Ref. No. 3863/13/SYA/Labtesting/146 Dated: 21-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 23-10-20 Tested on: 09-11-20 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	J37		8.2x4.0x2.7	2509	32.8	47	3210	
2	J37		8.2x4.0x2.6	2536	32.8	41	2800	
3	J37		8.2x4.0x2.8	2580	32.8	41	2800	
4	J37		8.1x4.0x2.7	2504	32.4	41	2840	
5	J37		8.2x4.0x2.6	2513	32.8	42	2870	
6	J37		8.2x4.0x2.7	2497	32.8	45	3080	
7	J37		8.2x4.0x2.6	2459	32.8	45	3080	
8	J37		8.1x4.1x2.7	2533	33.21	45	3040	
9	J37		8.1x4.0x2.6	2481	32.4	35	2420	
10	J37		8.2x4.0x2.7	2556	32.8	41	2800	
11	J37		8.1x4.1x2.6	2576	33.21	35	2370	
12	J37		8.1x4.0x2.6	2511	32.4	43	2980	
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13	MB		8.3x4.0x2.6	2626	33.2	31	2100	
14	MB		8.1x4.1x2.7	2566	33.21	35	2370	
15	MB		8.3x4.0x2.8	2638	33.2	35	2370	
16	MB		8.1x4.1x2.7	2578	33.21	33	2230	
17	MB		8.2x4.1x2.7	2684	33.62	41	2740	
18	MB		8.2x4.0x2.6	2518	32.8	41	2800	
19	MB		8.3x4.1x2.7	2604	34.03	41	2700	
20	MB		8.2x4.1x2.6	2509	33.62	40	2670	
21	MB		8.1x4.0x2.6	2618	32.4	45	3120	
22	MB		8.2x4.1x2.7	2604	33.62	39	2600	
23	MB		8.2x4.1x2.6	2635	33.61	39	2600	
24	MB		8.1x4.0x2.7	2567	32.4	35	2420	
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