



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

10389

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

Dr. Mazhar Saleem

**CM Div., NESPAK (Pvt.) Ltd. Lahore (M/s YA Associates)**

**Project: Establishment of UET Lahore Sub Campus at Narowal, Construction of Student Service Centre and Senior Staff Residencies (Balance Work)**

Our Ref. No. CL/CED/ 611 Dated: 17-08-20

Your Ref. No. 3863/13/SYA/Labtesting/47 Dated: 05-08-20

## COMPRESSION TEST REPORT

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

Specimens received on: 06-08-20 Tested on: 13-08-20 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)								
1	6 1				8.7x4.2x3.0	2820	36.54	37	2270	
2	6 1				8.9x4.1x3.0	2890	36.49	47	2890	
3	6 1				8.8x4.2x2.9	2780	36.96	39	2370	
4	6 1				8.7x4.2x2.8	2703	36.54	33	2030	
5	6 1				8.6x4.1x3.0	2891	35.26	47	2990	
6	6 1				8.7x4.3x2.9	2780	37.41	37	2220	
7	6 1				8.8x4.1x2.8	2785	36.08	41	2550	
8	6 1				8.8x4.2x2.9	2890	36.96	33	2000	
9	6 1				8.7x4.2x3.0	2980	36.54	55	3380	
10	6 1				8.8x4.1x3.0	2930	36.08	45	2800	
11	6 1				8.7x4.2x2.9	2750	36.54	39	2400	
12	6 1				8.7x4.1x3.0	2817	35.67	63	3960	
13										
14										
15										
16										

Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\\_reports&id=6](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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Dr. Mazhar Saleem

**CM Div., NESPAK (Pvt.) Ltd. Lahore (M/s YA Associates)**

**Project: Establishment of UET Lahore Sub Campus at Narowal, Construction of Student Service Centre and Senior Staff Residencies (Balance Work)**

Our Ref. No. CL/CED/ 612 Dated: 17-08-20

Your Ref. No. 3863/13/SYA/Labtesting/28 Dated: 20-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 06-08-20 Tested on: 13-08-20 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)								
1	S				8.7x4.2x2.9	3266	36.54	53	3250	
2	S				8.8x4.3x3.0	3269	37.84	57	3380	
3	S				8.7x4.2x3.0	3352	36.54	39	2400	
4	S				8.9x4.4x3.0	3191	39.16	57	3260	
5	S				8.8x4.3x3.0	3347	37.84	61	3620	
6	S				8.8x4.2x2.9	3310	36.54	45	2760	
7	S				8.8x4.3x2.9	3237	37.84	59	3500	
8	S				8.7x4.2x2.9	3208	36.54	53	3250	
9	S				8.7x4.2x2.8	3163	36.54	67	4110	
10	S				8.8x4.3x2.9	3267	37.84	47	2790	
11	S				8.7x4.2x2.7	3204	36.54	45	2760	
12	S				8.8x4.2x2.8	3239	36.96	63	3820	
13										
14										
15										
16										

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Note: Above results pertain to the unsealed samples supplied to the laboratory

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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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University of Engineering and Technology, Lahore  
Phone Nos. 042-99029202, 042-99029217

10401  
Dr. Umbreen

**To: Sub Divisional Officer**  
**Buildings Sub Division No. 15, Lahore**  
**Project: Construction of New Administration Block in the Premises of Lahore High Court Lahore**

Our Ref. No. CL/CED/ 613 Dated: 17-08-20

Your Ref. No. 754 Dated: 06-08-20

## COMPRESSION TEST REPORT

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

Specimens received on: 11-08-20 Tested on: 12-08-20 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)								
1	Roof Slab of 3rd Floor	10	7	2020	6x6x6	8.8	36	51	3180	Non Engraved
2	Roof Slab of 3rd Floor	10	7	2020	6x6x6	8.6	36	43	2680	Non Engraved
3	Roof Slab of 3rd Floor	10	7	2020	6x6x6	8.6	36	33	2060	Non Engraved
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
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16										

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supervisor(lab)

**Director/Dy. Director Concrete Laboratory**



# Plain and Reinforced Concrete Laboratory

## Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

10419

To: **Asif Nadeem Khawar (Resident Engineer)**

Dr. Mazhar Saleem

**Asian Consulting Engineers (Pvt.) Ltd. & Metroplan JV**

**Project: Resident Construction Supervision for Establishment of 200 Bedded Mother & Child Hospital and Nursing College, District Mianwali**

Our Ref. No. CL/CED/

614

Dated:

17-08-20

Your Ref. No.

MetroplanAsianJV-Nexus-  
MMCH-RE-389

Dated:

15-08-20

## COMPRESSION TEST REPORT

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

Specimens received on:

17-08-20

Tested on:

17-08-20

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)								
1	TM # 32	8	8	2020	6Diax12	14.2	28.28	73	5790	Non Engraved
2	TM # 32	8	8	2020	6Diax12	14.2	28.28	88	6970	Non Engraved
3	TM # 32	8	8	2020	6Diax12	14.4	28.28	81	6420	Non Engraved
4	TM # 33	8	8	2020	6Diax12	14.2	28.28	81	6420	Non Engraved
5	TM # 33	8	8	2020	6Diax12	14.2	28.28	81	6420	Non Engraved
6	TM # 33	8	8	2020	6Diax12	14	28.28	81	6420	Non Engraved
7	TM # 34	8	8	2020	6Diax12	14.2	28.28	79	6260	Non Engraved
8	TM # 34	8	8	2020	6Diax12	14	28.28	79	6260	Non Engraved
9	TM # 34	8	8	2020	6Diax12	14	28.28	79	6260	Non Engraved
10	TM # 28	20	7	2020	6Diax12	14.2	28.28	75	5950	Non Engraved
11	TM # 28	20	7	2020	6Diax12	14.2	28.28	77	6100	Non Engraved
12	TM # 28	20	7	2020	6Diax12	14.2	28.28	79	6260	Non Engraved
13										
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15										
16										

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10400

Dr. Umbreen

**To: Tahir Mehmood**  
**Husnain Builders Phase 1 Main Commercial Area, Defence Lahore.**  
**Project: Raft at Old City School Gawal Mandi Lahore.**

Our Ref. No. CL/CED/ 615 Dated: 17-08-20

Your Ref. No. Nil Dated: 11-08-20

## COMPRESSION TEST REPORT

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Specimens received on: 11-08-20 Tested on: 12-08-20 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)								
1	Raft	14	7	20	6Diax12	15	28.28	35	2780	Non Engraved
2	Raft	14	7	20	6Diax12	14.6	28.28	29	2300	Non Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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