



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

10599

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 Electrical & Mechanical Department (Balance Works)

Dr.Mazhar Saleem

Our Ref. No. CL/CED/ 923 Dated: 05-10-20  
Your Ref. No. 3863/13/SYA/Labtesting/107 Dated: 23-09-20

COMPRESSION TEST REPORT

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

Specimens received on: 23-09-20 Tested on: 05-10-20 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	6 1				8.5x4.2x2.9	2886	35.7	43	2700	
2	6 1				8.6x4.3x2.8	2711	36.98	51	3090	
3	6 1				8.5x4.1x2.8	2806	34.85	55	3540	
4	6 1				8.6x4.1x2.7	2869	35.26	57	3630	
5	6 1				8.7x4.2x2.7	2833	36.54	41	2520	
6	6 1				8.6x4.2x2.8	2834	36.12	41	2550	
7	6 1				8.4x4.0x2.8	2727	33.6	59	3940	
8	6 1				8.6x4.0x2.9	2844	34.4	41	2670	
9	6 1				8.5x4.2x2.7	2885	35.7	49	3080	
10	6 1				8.6x4.1x2.7	2990	35.26	61	3880	
11	6 1				8.4x4.1x2.7	2996	34.44	43	2800	
12	6 1				8.4x4.1x2.8	2888	34.44	63	4100	
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16										

Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departement?RID=testing\\_reports&id=6](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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Phone Nos. 042-99029202, 042-99029217

To: Sub Divisional Officer  
Building Sub Division No.22, Lahore.  
Project: Establishment of the Fish Seed Hatchery & Creation of Research Facility at Bhaseen, Lahore.

10607  
Dr.Mazhar Slaeem

Our Ref. No. CL/CED/ 924 Dated: 05-10-20  
Your Ref. No. 540/22nd Dated: 25-09-20

COMPRESSION TEST REPORT

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

Specimens received on: 25-09-20 Tested on: 05-10-20 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	9 6				8.7x4.2x3.0	3130	36.54	53	3250	
2	9 6				8.8x4.3x2.9	3008	37.84	49	2910	
3	9 6				8.7x4.1x2.8	3077	35.67	51	3210	
4	9 6				8.8x4.3x2.8	3005	37.84	53	3140	
5	9 6				8.7x4.2x2.8	2905	36.54	51	3130	
6	9 6				8.7x4.2x2.7	2865	36.54	65	3990	
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Dr.Mazhar Slaeem

To: Sub Divisional Officer  
Building Sub Division No.22, Lahore.  
Project: Construction of Tehsil Complex at Shalimar, Lahore

Our Ref. No. CL/CED/ 925 Dated: 05-10-20  
Your Ref. No. 538/22nd Dated: 25-09-20

COMPRESSION TEST REPORT

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

Specimens received on: 25-09-20 Tested on: 05-10-20 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	9 6		8.7x4.2x2.8	3092	36.54	43	2640	
2	9 6		8.8x4.3x2.9	3045	37.84	67	3970	
3	9 6		8.7x4.2x2.7	2872	36.54	53	3250	
4	9 6		8.8x4.3x2.8	3076	37.84	51	3020	
5	9 6		8.8x4.3x2.9	3073	37.84	59	3500	
6	9 6		8.8x4.2x2.8	3069	36.96	53	3220	
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To: Sub Divisional Officer  
Building Sub Division No.22, Lahore.  
Project: Establishment of the Fish Seed Hatchery & Creation of Research Facility at Bhaseen, Lahore.

10607  
Dr.Mazhar Slaeem

Our Ref. No. CL/CED/ 926 Dated: 05-10-20  
Your Ref. No. 539/22nd Dated: 25-09-20

COMPRESSION TEST REPORT

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

Specimens received on: 25-09-20 Tested on: 05-10-20 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	S 1		8.6x4.3x2.8	3169	36.98	57	3460	
2	S 1		8.7x4.2x3.0	3240	36.54	63	3870	
3	S 1		8.7x4.3x2.9	3152	37.41	55	3300	
4	S 1		8.6x4.2x2.9	3190	36.12	49	3040	
5	S 1		8.6x4.2x2.9	3196	36.12	61	3790	
6	S 1		8.7x4.2x2.8	3127	36.54	51	3130	
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Dr.Mazhar Slaeem

To: Sub Divisional Officer  
Building Sub Division No.22, Lahore.  
Project: Construction of Tehsil Complex at Shalimar, Lahore

Our Ref. No. CL/CED/ 927 Dated: 05-10-20  
Your Ref. No. 537/22nd Dated: 25-09-20

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

Specimens received on: 25-09-20 Tested on: 05-10-20 in dry/wet condition

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1	S 1		8.6x4.2x2.8	3086	36.12	53	3290	
2	S 1		8.7x4.3x2.9	3159	37.41	49	2940	
3	S 1		8.6x4.2x2.8	3182	36.12	59	3660	
4	S 1		8.5x4.1x2.8	3149	34.85	53	3410	
5	S 1		8.6x4.2x2.9	3109	36.12	55	3420	
6	S 1		8.6x4.2x2.8	3171	36.12	63	3910	
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