



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

10672

To: Sub Divisional Officer  
Buildings Sub Division No. 12, Lahore  
Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital, Lahore (A.D.P No.581/2019-20)  
Group No.1, (Columns in Basement-2)

Dr.Mazhar Saleem

Our Ref. No. CL/CED/ 972 Dated: 13-10-20  
Your Ref. No. 493/SDO12th Dated: 07-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 09-10-20 Tested on: 12-10-20 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	Portion-3	25	8	2020	6x6x6	9.8	36	144	8960	Non Engraved
2	Portion-3	25	8	2020	6x6x6	9.8	36	168	10460	Non Engraved
3	Portion-3	25	8	2020	6x6x6	9.6	36	128	7970	Non Engraved
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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



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

To: Sub Divisional Officer  
Buildings Sub Division No. 12, Lahore  
Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital, Lahore (A.D.P No.581/2019-20)  
Group No.1, (Roof Slab of Basement-02)

10672  
Dr.Mazhar Saleem

Our Ref. No. CL/CED/ 973 Dated: 13-10-20

Your Ref. No. 496/SDO12th Dated: 07-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 09-10-20 Tested on: 12-10-20 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	Portion-2	28	8	2020	6x6x6	9.2	36	69	4300	Non Engraved
2	Portion-2	28	8	2020	6x6x6	8.8	36	67	4170	Non Engraved
3	Portion-2	28	8	2020	6x6x6	9	36	92	5730	Non Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

10672

To: Sub Divisional Officer  
Buildings Sub Division No. 12, Lahore  
Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital, Lahore (A.D.P No.581/2019-20)  
Group No.1, (Roof Slab of Basement-02)

Dr.Mazhar Saleem

Our Ref. No. CL/CED/ 974 Dated: 13-10-20  
Your Ref. No. 499/SDO12th Dated: 07-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 09-10-20 Tested on: 12-10-20 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	Portion-1	24	8	2020	6x6x6	9	36	83	5170	Non Engraved
2	Portion-1	24	8	2020	6x6x6	9	36	73	4550	Non Engraved
3	Portion-1	24	8	2020	6x6x6	9	36	71	4420	Non Engraved
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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

To: Sub Divisional Officer  
Buildings Sub Division No. 12, Lahore  
Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital, Lahore (A.D.P No.581/2019-20)  
Group No.1, (Footing Beams)

Our Ref. No. CL/CED/ 975 Dated: 13-10-20  
Your Ref. No. 502/SDO12th Dated: 07-10-20

10672  
Dr.Mazhar Saleem

COMPRESSION TEST REPORT

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

Specimens received on: 09-10-20 Tested on: 12-10-20 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	Portion-3	21	8	2020	6x6x6	9	36	81	5040	Non Engraved
2	Portion-3	21	8	2020	6x6x6	9	36	59	3680	Non Engraved
3	Portion-3	21	8	2020	6x6x6	9	36	71	4420	Non Engraved
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To: Sub Divisional Officer  
Buildings Sub Division No. 12, Lahore  
Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital, Lahore (A.D.P No.581/2019-20)  
Group No.1, (Raft)

Dr.Mazhar Saleem

Our Ref. No. CL/CED/ 976 Dated: 13-10-20

Your Ref. No. 505/SDO12th Dated: 07-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 09-10-20 Tested on: 12-10-20 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	Portion-3	15	8	2020	6x6x6	9	36	63	3920	Non Engraved
2	Portion-3	15	8	2020	6x6x6	9.2	36	63	3920	Non Engraved
3	Portion-3	15	8	2020	6x6x6	9	36	69	4300	Non Engraved
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