



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

10195

Dr. Mazhar Saleem

To: **Touqeer Taqi, General Manager Marketing.**
Sultan Concrete. 146-M, Gulberg III, Lahore.
Project: Daiwal & Co
Khushab.

Our Ref. No. CL/CED/ 204 Dated: 18-06-20

Your Ref. No. Nil Dated: 17-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 17-06-20 Tested on: 17-06-20 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	Rectangular (City) Grey		7.9x3.9x3.1	3846	30.81	81	5890	
2	Rectangular (City) Grey		7.9x3.9x3.1	3955	30.81	108	7860	
3	Rectangular (City) Grey		7.9x3.9x3.1	3887	30.81	90	6550	
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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" 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



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

10181

Dr. Mazhar Saleem

To: **Touqeer Taqi, General Manager Marketing.**
Sultan Concrete. 146-M, Gulberg III, Lahore.

Project: Construction of Additional Bouzer Decantation Facility Work at LPG Plant Lahore. (Client; PSO).

Our Ref. No. CL/CED/ 205 Dated: 18-06-20

Your Ref. No. Nil Dated: 15-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 15-06-20 Tested on: 17-06-20 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	Rectangular (City) Grey		7.8x3.9x3.2	3905	30.42	92	6780	
2	Rectangular (City) Grey		7.8x3.9x3.2	3932	30.42	69	5090	
3	Rectangular (City) Grey		7.8x3.9x3.2	4012	30.42	94	6930	
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

10158

To: **Engr. Faizullah (Divisional Engineer, ES Civil Division)**
CAA, AllAP, Lahore

Dr. Mazhar Saleem

Project: Provision of RCC Shed at Main Entrance of ACC Building, AllAP, Lahore

Our Ref. No. CL/CED/ 206 Dated: 18-06-20

Your Ref. No. AllAP/1656-01/100/LACV/II/325 Dated: 04-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 08-06-20 Tested on: 11-06-20 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
		6	2	2020						
1	Slab	6	2	2020	6x6x6	8.8	36	90	5600	Engraved
2	Slab	6	2	2020	6x6x6	8.8	36	81	5040	Engraved
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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

10158

To: **Engr. Faizullah (Divisional Engineer, ES Civil Division)**
CAA, AllAP, Lahore

Dr. Mazhar Saleem

Project: Provision of Shed, UVIS, Barrier at Cargo Complex at AllAP, Lahore

Our Ref. No. CL/CED/ 207 Dated: 18-06-20

Your Ref. No. AllAP/1656-01/45/LACV/III/323 Dated: 04-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 08-06-20 Tested on: 11-06-20 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	Shell Roof Slab	4	1	2020	6x6x6	8.4	36	90	5600	Non Engraved
2	Shell Roof Slab	4	1	2020	6x6x6	9	36	73	4550	Non Engraved
3	Shell Roof Slab	4	1	2020	6x6x6	8.6	36	96	5980	Non Engraved
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10159

Dr.Mazhar Saleem

To: Altaf Hussain (M.E)
AS Enterprises (AA Associates)
Project: Style Textile Manga

Our Ref. No. CL/CED/ 208 Dated: 18-06-20

Your Ref. No. USD/ASE/22 Dated: 08-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 08-06-20 Tested on: 11-06-20 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	C-20	11	5	2020	6x6x6	8.2	36	114	7100	Non Engraved
2	C-20	11	5	2020	6x6x6	8	36	92	5730	Non Engraved
3	C-20	11	5	2020	6x6x6	8.6	36	104	6480	Non Engraved
4	C-30	11	5	2020	6x6x6	8.4	36	92	5730	Non Engraved
5	C-30	11	5	2020	6x6x6	8.4	36	92	5730	Non Engraved
6	C-30	11	5	2020	6x6x6	8.6	36	63	3920	Non Engraved
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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

10160

To: **Altaf Hussain (M.E)**
AS Enterprises (AA Associates)
Project: Style Textile Raiwind Road (Chak # 65)

Dr.Mazhar Saleem

Our Ref. No. CL/CED/ 209 Dated: 18-06-20

Your Ref. No. USD/ASE/23 Dated: 08-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 08-06-20 Tested on: 11-06-20 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	C-20	11	5	2020	6x6x6	9	36	65	4050	Non Engraved
2	C-20	11	5	2020	6x6x6	9	36	67	4170	Non Engraved
3	C-20	11	5	2020	6x6x6	9	36	67	4170	Non Engraved
4	C-30	11	5	2020	6x6x6	9	36	77	4800	Non Engraved
5	C-30	11	5	2020	6x6x6	9	36	119	7410	Non Engraved
6	C-30	11	5	2020	6x6x6	9	36	104	6480	Non Engraved
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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

10172

To: **Sub Divisional Officer**

Dr.Mazhar Saleem

Buildings Sub Division No.15, Lahore

Project: Construction of New Administration Block in the Premises of Lahore High Court Lahore (Roof Slab of Lower Ground Floor)

Our Ref. No. CL/CED/ 210 Dated: 18-06-20

Your Ref. No. 473 Dated: 25-05-20

COMPRESSION TEST REPORT

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

Specimens received on: 11-06-20 Tested on: 15-06-20 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	(1 : 2 : 4)	28	4	2020	6x6x6	8.6	36	73	4550	Non Engraved
2	(1 : 2 : 4)	28	4	2020	6x6x6	9	36	73	4550	Non Engraved
3	(1 : 2 : 4)	28	4	2020	6x6x6	8	36	47	2930	Non Engraved
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University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

10172

Dr. Mazhar Saleem

To: **Sub Divisional Officer**

Buildings Sub Division No.15, Lahore

Project: Construction of New Administration Block in the Premises of Lahore High Court Lahore (Columns in Upper Ground Floor)

Our Ref. No. CL/CED/ 211 Dated: 18-06-20

Your Ref. No. 488 Dated: 30-05-20

COMPRESSION TEST REPORT

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

Specimens received on: 11-06-20 Tested on: 15-06-20 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	(1 : 1.5 : 3)	2	5	2020	6x6x6	9	36	83	5170	Engraved
2	(1 : 1.5 : 3)	2	5	2020	6x6x6	9	36	98	6100	Engraved
3	(1 : 1.5 : 3)	2	5	2020	6x6x6	9	36	102	6350	Engraved
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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

10172

To: Sub Divisional Officer

Dr.Mazhar Saleem

Buildings Sub Division No.15, Lahore

Project: Construction of New Administration Block in the Premises of Lahore High Court Lahore (Lift Walls in Upper Ground Floor)

Our Ref. No. CL/CED/

212

Dated:

18-06-20

Your Ref. No.

490

Dated:

01-06-20

COMPRESSION TEST REPORT

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

Specimens received on:

11-06-20

Tested on:

15-06-20

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
		4	5	2020						
1	(1 : 1.5 : 3)	4	5	2020	6x6x6	9	36	94	5850	Non Engraved
2	(1 : 1.5 : 3)	4	5	2020	6x6x6	9	36	104	6480	Non Engraved
3	(1 : 1.5 : 3)	4	5	2020	6x6x6	9	36	108	6720	Non Engraved
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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

10172

To: Sub Divisional Officer

Dr.Mazhar Saleem

Buildings Sub Division No.15, Lahore

Project: Construction of New Administration Block in the Premises of Lahore High Court Lahore (Roof Slab of Upper Ground Floor)

Our Ref. No. CL/CED/

213

Dated:

18-06-20

Your Ref. No.

506

Dated:

06-06-20

COMPRESSION TEST REPORT

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

Specimens received on:

11-06-20

Tested on:

15-06-20

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	(1 : 2 : 4)	7	5	2020	6x6x6	8.8	36	83	5170	Non Engraved
2	(1 : 2 : 4)	7	5	2020	6x6x6	8.6	36	73	4550	Non Engraved
3	(1 : 2 : 4)	7	5	2020	6x6x6	8.6	36	63	3920	Non Engraved
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10185

To: **Sub Divisional Officer Auqaf**
Rawalpindi Zone Rawalpindi

Dr.Mazhar Saleem

Project: Construction of Quran Mahal at Shrine Hazrat Noori Hazoori, Bhalwal, Sargodha

Our Ref. No. CL/CED/ 214 Dated: 18-06-20

Your Ref. No. SDO/A/Rwp/2020 Dated: 20-05-20

COMPRESSION TEST REPORT

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

Specimens received on: 15-06-20 Tested on: 18-06-20 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 (1 : 2 : 4)	22	4	2020	6x6x6	9	36	69	4300	Non Engraved
2	Roof Slab (1 : 2 : 4)	22	4	2020	6x6x6	8.8	36	53	3300	Non Engraved
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10165

Dr.Mazhar Saleem

To: **Latif Ahmad (Project Manager)**
Shahid Builder (Pvt.) Ltd. Lahore

Project: Construction of Burger King Pizza Hut Plaza, 254, Sector-G, Phase-5 DHA, Lahore

Our Ref. No. CL/CED/ 215 Dated: 18-06-20

Your Ref. No. SBL/DHA-P-V/2020/4 Dated: 08-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 09-06-20 Tested on: 11-06-20 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	Basement Slab	6	5	2020	6Diax12	14	28.28	71	5630	Non Engraved
2	Basement Slab	6	5	2020	6Diax12	13.6	28.28	41	3250	Non Engraved
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Director/Dy. Director Concrete Laboratory



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10166

To: **M. Sohail Anjum (Project Manager)**

Dr. Mazhar Saleem

P-156 Gulberg II, Lahore

Project: Construction of P-156 Gulberg II, Lahore

Our Ref. No. CL/CED/

216

Dated:

18-06-20

Your Ref. No.

P-156-113

Dated:

09-06-20

COMPRESSION TEST REPORT

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

Specimens received on:

09-06-20

Tested on:

11-06-20

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	444 (3000 Psi)	12	5	2020	6Diax12	14.8	28.28	77	6100	Non Engraved
2	446 (3000 Psi)	12	5	2020	6Diax12	15	28.28	63	4990	Non Engraved
3	447 (3000 Psi)	12	5	2020	6Diax12	14.2	28.28	37	2940	Non Engraved
4										
5										
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14										
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departament?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
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

10173

Dr.Mazhar Saleem

To: Shabbir Anjam (PM)
Shahan Brothers, Lahore
Project: Madina Co Operate Lahore

Our Ref. No. CL/CED/ 217 Dated: 18-06-20

Your Ref. No. Nil Dated: 09-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 11-06-20 Tested on: 15-06-20 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
		1	6	2020						
1	(4000 Psi)	1	6	2020	6Diax12	14	28.28	33	2620	Engraved
2	(4000 Psi)	1	6	2020	6Diax12	13.6	28.28	59	4680	Engraved
3										
4										
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12										
13										
14										
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing_reports&id=6

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

10178

Dr. Rizwan Riaz

To: **Nasir Mahmood Khan (Partner)**

N.A. Associates

Project: Construction of Commercial Building at Plot No. 44-D-1, Gulberg-III, Lahore

Our Ref. No. CL/CED/

218

Dated:

18-06-20

Your Ref. No.

NAA/Bill/44-D-I/21

Dated:

12-06-20

COMPRESSION TEST REPORT

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

Specimens received on:

12-06-20

Tested on:

16-06-20

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	U.G.W. Tanks Walls	4	6	2020	6Diax12	14.2	28.28	75	5950	Non Engraved
2	U.G.W. Tanks Walls	4	6	2020	6Diax12	14	28.28	65	5150	Non Engraved
3	U.G.W. Tanks Walls	4	6	2020	6Diax12	14.4	28.28	83	6580	Non Engraved
4										
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14										
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing_reports?id=6

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

10179

To: Muhammad Azeem (Operation Manager)
Amer Adnan Associates, Lahore
Project: Hotel Building at 24-A Block E/2 at Gulberg III, Lahore

Dr. Mazhar Saleem

Our Ref. No. CL/CED/ 219 Dated: 18-06-20

Your Ref. No. AAA/24A/0011 Dated: 12-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 12-06-20 Tested on: 15-06-20 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		13	5	2020	6Diax12	14.2	28.28	55	4360	Non Engraved
2		13	5	2020	6Diax12	13.6	28.28	57	4520	Non Engraved
3		13	5	2020	6Diax12	14.2	28.28	61	4840	Non Engraved
4		13	5	2020	6Diax12	14	28.28	73	5790	Non Engraved
5		13	5	2020	6Diax12	14	28.28	71	5630	Non Engraved
6		13	5	2020	6Diax12	13.6	28.28	65	5150	Non Engraved
7		13	5	2020	6Diax12	14	28.28	73	5790	Non Engraved
8		13	5	2020	6Diax12	14	28.28	69	5470	Non Engraved
9		13	5	2020	6Diax12	14	28.28	73	5790	Non Engraved
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing_reports?id=6

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

10183

Dr.Rizwan Riaz

To: **M. Usman**
Grand Palace Hall, Lahore
Project: Grand Palace Hall

Our Ref. No. CL/CED/ 220 Dated: 18-06-20

Your Ref. No. Nil Dated: 15-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 15-06-20 Tested on: 16-06-20 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		4	6	2020	6Diax12	14.2	28.28	61	4840	Non Engraved
2		4	6	2020	6Diax12	14.2	28.28	81	6420	Non Engraved
3		4	6	2020	6Diax12	14	28.28	67	5310	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

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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