



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

7752

Dr.Rizwan Riaz

**To: Khalid Bashir**  
**Ittefaq Building Solutions Pvt. Ltd. Lahore**  
**Project: Barret Hodgson University Toba Tak Singh**

Our Ref. No. CL/CED/ 6836 Dated: 01-01-19

Your Ref. No. IBS/BHU Dated: 12-12-18

## COMPRESSION TEST REPORT

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

Specimens received on: 14-12-18 Tested on: 31-12-18 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	Terrazo Tile		11.8x12.7x.95	5018	149.86	164	2460	
2	Terrazo Tile		11.8x12.7x1	5260	149.86	166	2490	
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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



# Plain and Reinforced Concrete Laboratory

## Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

7786

To: Sub Division Officer

Dr. Umbreen

Buildings Sub Division No.12, Lahore

Project: Construction of Office Complex of Food Directorate Divisional Food Office Lahore & DFC, Office Lahore

Our Ref. No. CL/CED/

6837

Dated:

01-01-19

Your Ref. No.

1143/SDO12th

Dated:

23-11-18

## COMPRESSION TEST REPORT

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

Specimens received on: 20-12-18 Tested on: 21-12-18 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	Column	19	11	2018	6Diax12	13.2	28.28	33	2620	Non Engraved
2	Column	19	11	2018	6Diax12	13.4	28.28	63	5000	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

7784

Engr.Ubaid Ahmed

**To: Abdul Hafeez Umer**  
**Hafeez Construction, Lahore**  
**Project:Phase 6, DHA Lahore (Raft Basement)**

Our Ref. No. CL/CED/ 6838 Dated: 01-01-19

Your Ref. No. Nil Dated: 20-12-18

## COMPRESSION TEST REPORT

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

Specimens received on: 20-12-18 Tested on: 24-12-18 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		5	11	2018	6Diax12	12.4	28.28	45	3570	Engraved
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7784

Engr.Ubaid Ahmed

**To: Abdul Hafeez Umer**  
**Hafeez Construction, Lahore**  
**Project:Roof Slab of SM BRK 14NLI Head Marala Sialkot**

Our Ref. No. CL/CED/ 6839 Dated: 01-01-19

Your Ref. No. Nil Dated: 19-12-18

## COMPRESSION TEST REPORT

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

Specimens received on: 20-12-18 Tested on: 24-12-18 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		20	10	2018	6x6x6	8	36	49	3050	Non Engraved
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**supervisor(lab)**

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7784

To: **Abdul Hafeez Umer**  
**Hafeez Construction, Lahore**  
**Project: Construction of AMO MAG CBG Head Marala Sialkot (Roof Slab)**

Engr. Ubaid Ahmed

Our Ref. No. CL/CED/ 6840 Dated: 01-01-19

Your Ref. No. Nil Dated: 19-12-18

## COMPRESSION TEST REPORT

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

Specimens received on: 20-12-18 Tested on: 24-12-18 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
		7	10	2018						
1		7	10	2018	6x6x6	8	36	55	3430	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

7784

To: **Abdul Hafeez Umer**  
**Hafeez Construction, Lahore**  
**Project: Construction of AMO MAG at Head Marala CBG Sialkot**

Engr. Ubaid Ahmed

Our Ref. No. CL/CED/ 6841 Dated: 01-01-19  
Your Ref. No. Nil Dated: 19-12-18

## COMPRESSION TEST REPORT

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

Specimens received on: 20-12-18 Tested on: 24-12-18 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		7	10	2018	6Diax12	12.6	28.28	27	2140	Non Engraved
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7784

To: **Abdul Hafeez Umer**

Engr.Ubaid Ahmed

**Hafeez Construction, Lahore**

**Project: Construction of 128 SM BRK Head Marala CBG Sialkot (Roof Slab of Ground Floor)**

Our Ref. No. CL/CED/ 6842 Dated: 01-01-19

Your Ref. No. Nil Dated: 19-12-18

## COMPRESSION TEST REPORT

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

Specimens received on: 20-12-18 Tested on: 24-12-18 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		20	10	2018	6Diax12	12.6	28.28	37	2940	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

7832

Dr. Umbreen

To: **Sub Divisional Officer**

**Public Health Engg: Sub Division, Noshera Virkan**

**Project: Provision of Drainage/PCC, Facilities at U.C. Artali Virkan, Tehsil Noshera Virkan Distt. Gujranwala**

Our Ref. No. CL/CED/ 6843 Dated: 01-01-19

Your Ref. No. 811/N Dated: 26-11-18

## COMPRESSION TEST REPORT

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

Specimens received on: 01-01-19 Tested on: 01-01-19 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	P C C (1:2:4)	12	11	2018	6x6x6	8.6	36	124	7720	Non Engraved
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**Director/Dy. Director Concrete Laboratory**





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

7788

To: **Abdul Rauf Saqib (Project Manager)**  
**Ittefaq Construction Services, Lahore**

Engr.Ubaid Ahmed

**Project: Construction of Apartments Building, Plot # 81, Block-C/1, Gulberg III Lahore**

Our Ref. No. CL/CED/ 6844 Dated: 01-01-19

Your Ref. No. ICS/M.A/0 Dated: 20-12-18

## COMPRESSION TEST REPORT

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

Specimens received on: 21-12-18 Tested on: 24-12-18 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	Columns	16	11	2018	6Diax12	13.4	28.28	65	5150	Engraved
2	Columns	16	11	2018	6Diax12	13.6	28.28	86	6820	Engraved
3	Columns	16	11	2018	6Diax12	13.4	28.28	86	6820	Engraved
End	---	---	---	---	---	---	---	---	---	---
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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

7788

To: **Abdul Rauf Saqib (Project Manager)**

Engr.Ubaid Ahmed

**Ittefaq Construction Services, Lahore**

**Project: Construction of Apartments Building, Plot # 81, Block-C/1, Gulberg III Lahore**

Our Ref. No. CL/CED/

6845

Dated:

01-01-19

Your Ref. No.

ICS/M.A/0

Dated:

20-12-18

## COMPRESSION TEST REPORT

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

Specimens received on: 21-12-18 Tested on: 24-12-18 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	Columns	17	11	2018	6Diax12	13.4	28.28	83	6580	Engraved
2	Columns	17	11	2018	6Diax12	13.4	28.28	85	6740	Engraved
3	Columns	17	11	2018	6Diax12	13.4	28.28	90	7130	Engraved
End	---	---	---	---	---	---	---	---	---	---
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7800

Engr. Ubaid Ahmed

**To: Abdul Ghafoor**  
**Post Office Baghbanpura, Lahore**  
**Project: Construction of AL-Falah Bank Building**

Our Ref. No. CL/CED/ 6846 Dated: 01-01-19

Your Ref. No. Nil Dated: 24-12-18

## COMPRESSION TEST REPORT

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

Specimens received on: 24-12-18 Tested on: 24-12-18 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		5	12	2018	6Diax12	13	28.28	59	4680	Non Engraved
2		5	12	2018	6Diax12	13.4	28.28	73	5790	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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**Director/Dy. Director Concrete Laboratory**



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Phone Nos. 042-99029202, 042-99029217

7823  
Dr. Umbreen

To: **Waseem G. Rasool**  
**Al-Habib Construction Company Pvt. Ltd. Lahore**  
**Project: CMPAK GSM Phase-IX, Site ID 42565, ODU BTS Foundation**

Our Ref. No. CL/CED/ 6847 Dated: 01-01-19

Your Ref. No. AHCC/CMPAK/D7/42565 Dated: 27-12-18

## COMPRESSION TEST REPORT

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

Specimens received on: 28-12-18 Tested on: 01-01-19 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		20	12	2018	6x6x6	8	36	104	6480	Non Engraved
2		20	12	2018	6x6x6	8	36	112	6970	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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\*\*\*\* 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

7823  
Dr. Umbreen

To: **Waseem G. Rasool**  
**Al-Habib Construction Company Pvt. Ltd. Lahore**  
**Project: CMPAK GSM Phase-IX, Site ID 42025, ODU BTS Foundation**

Our Ref. No. CL/CED/ 6848 Dated: 01-01-19

Your Ref. No. AHCC/CMPAK/D7/42025 Dated: 27-12-18

## COMPRESSION TEST REPORT

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

Specimens received on: 28-12-18 Tested on: 01-01-19 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		16	12	2018	6x6x6	8	36	106	6600	Non Engraved
2		16	12	2018	6x6x6	8	36	106	6600	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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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" 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**  
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Dr. Umbreen

To: **Waseem G. Rasool**

**Al-Habib Construction Company Pvt. Ltd. Lahore**

**Project: CMPAK GSM Phase-IX, Site ID 42573, ODU BTS Foundation**

Our Ref. No. CL/CED/ 6849 Dated: 01-01-19

Your Ref. No. AHCC/CMPAK/D7/42573 Dated: 28-12-18

## COMPRESSION TEST REPORT

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

Specimens received on: 28-12-18 Tested on: 01-01-19 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		21	12	2018	6x6x6	8.6	36	83	5170	Non Engraved
2		21	12	2018	6x6x6	8	36	106	6600	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departament?RID=testing\\_reports&id=6](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" 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**