



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

8441

To: **(Engr. Nadeem Mahmood)**  
**Civil & Urban Engineers. 475-G, Johar Town, Opp. Lacas School, Lahore.**  
**Project: Building at Sundar Industrial Estate Lahore.**

Engr. A. Rehman

Our Ref. No. CL/CED/ 7843 Dated: 16-04-19

Your Ref. No. Nil Dated: 01-03-19

## COMPRESSION TEST REPORT

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

Specimens received on: 12-04-19 Tested on: 15-04-19 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		27	2	2019	6x6x6	8.2	36	62	3860	Engraved
2		27	2	2019	6x6x6	8.2	36	66	4110	Engraved
3		1	3	2019	6x6x6	8.4	36	84	5230	Engraved
4		1	3	2019	6x6x6	8.4	36	80	4980	Engraved
5		12	3	2019	6x6x6	8.2	36	46	2870	Engraved
6		12	3	2019	6x6x6	8.4	36	50	3120	Engraved
7		13	3	2019	6x6x6	8	36	19	1190	Non Engraved
8		13	3	2019	6x6x6	8	36	19	1190	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

## Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

8401

Dr. Umbreen

To: **Muhammad Qayyum, Site Incharge**

**DESCON Engineering Ltd.**

**Project: Sports Complex New Housing Colony Nestle Sheikhpura Factory.**

Our Ref. No. CL/CED/

7844

Dated:

16-04-19

Your Ref. No.

24-TP.20018

Dated:

29-03-19

## COMPRESSION TEST REPORT

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

Specimens received on:

05-04-19

Tested on:

16-04-19

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	Slab	22	3	2019	6Diax12	13.2	28.28	79	6260	Non Engraved
2	Slab	22	3	2019	6Diax12	13.8	28.28	73	5790	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

8401  
Dr. Umbreen

To: **Muhammad Qayyum, Site Incharge**  
**DESCON Engineering Ltd.**

**Project: Sports Complex New Housing Colony Nestle Sheikhpura Factory.**

Our Ref. No. CL/CED/ 7845 Dated: 16-04-19

Your Ref. No. 24-TP.20018 Dated: 29-03-19

## COMPRESSION TEST REPORT

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

Specimens received on: 05-04-19 Tested on: 16-04-19 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	Slab	23	3	2019	6Diax12	14	28.28	75	5950	Non Engraved
2	Slab	23	3	2019	6Diax12	13.4	28.28	77	6100	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

8424

Dr. Umbreen

To: **(Khalid Bashir), Ittefaq Building Solutions Pvt. Ltd.**  
**189/190-Commercial Area, Airline Society Khayaban-e-Jinnah, Lahore.**  
**Project: Kamran Steel Plaza, Shadman, Lahore.**

Our Ref. No. CL/CED/ 7846 Dated: 16-04-19

Your Ref. No. IBS/LCH/CB02 Dated: 04-04-19

## COMPRESSION TEST REPORT

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

Specimens received on: 09-04-19 Tested on: 16-04-19 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
		19	3	2019						
1	Piles Foundation	19	3	2019	6Diax12	14	28.28	65	5150	Non Engraved
2	Piles Foundation	19	3	2019	6Diax12	14	28.28	63	5000	Non Engraved
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supervisor(lab)

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

8423

Dr. Umbreen

To: **Abdul Rauf Saqib, Project Manager**  
**Ittefaq Construction Services.**

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

Our Ref. No. CL/CED/ 7847 Dated: 16-04-19

Your Ref. No. ICS/M.A/0 Dated: 09-04-19

## COMPRESSION TEST REPORT

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

Specimens received on: 09-04-19 Tested on: 16-04-19 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	Slab, 3000 Psi	13	3	2019	6Diax12	13	28.28	83	6580	Engraved
2	Slab, 3000 Psi	13	3	2019	6Diax12	13.2	28.28	77	6100	Engraved
3	Slab, 3000 Psi	13	3	2019	6Diax12	13	28.28	71	5630	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

8423

Dr. Umbreen

To: **Abdul Rauf Saqib, Project Manager**  
**Ittefaq Construction Services.**

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

Our Ref. No. CL/CED/ 7848 Dated: 16-04-19

Your Ref. No. ICS/M.A/0 Dated: 09-04-19

## COMPRESSION TEST REPORT

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

Specimens received on: 09-04-19 Tested on: 16-04-19 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	Lift, 4000 Psi	3	4	2019	6Diax12	13.2	28.28	73	5790	Engraved
2	Lift, 4000 Psi	3	4	2019	6Diax12	13.4	28.28	75	5950	Engraved
3	Lift, 4000 Psi	3	4	2019	6Diax12	13.2	28.28	61	4840	Engraved
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**Department of Civil Engineering**  
University of Engineering and Technology, Lahore  
Phone Nos. 042-99029202, 042-99029217

To: **Abdul Rauf Saqib, Project Manager**  
**Ittefaq Construction Services.**

8423  
Dr. Umbreen

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

Our Ref. No. CL/CED/ 7849 Dated: 16-04-19

Your Ref. No. ICS/M.A/0 Dated: 09-04-19

## COMPRESSION TEST REPORT

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

Specimens received on: 09-04-19 Tested on: 16-04-19 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	Column, 4000 Psi	29	3	2019	6Diax12	13.2	28.28	45	3570	Engraved
2	Column, 4000 Psi	29	3	2019	6Diax12	13.4	28.28	53	4200	Engraved
3	Column, 4000 Psi	29	3	2019	6Diax12	13.2	28.28	51	4040	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

8460

Dr. Umbreen

To: **(Khalid Bashir), Ittefaq Building Solutions Pvt. Ltd.**  
**189/190-Commercial Area, Airline Society Khayaban-e-Jinnah, Lahore.**  
**Project: NBH Renovation, Lahore.**

Our Ref. No. CL/CED/ 7850 Dated: 16-04-19

Your Ref. No. IBS/Nishat/BT02 Dated: 15-04-19

## COMPRESSION TEST REPORT

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

Specimens received on: 15-04-19 Tested on: 16-04-19 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	Hollow Block				12x6x7.6	14.8	56.47	21	840	
2	Hollow Block				12x6x7.6	16	56.47	31	1230	
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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

8460

Dr. Umbreen

To: **(Khalid Bashir), Ittefaq Building Solutions Pvt. Ltd.**  
**189/190-Commercial Area, Airline Society Khayaban-e-Jinnah, Lahore.**  
**Project: NBH Renovation, Lahore.**

Our Ref. No. CL/CED/ 7851 Dated: 16-04-19

Your Ref. No. IBS/Nishat/BT01 Dated: 15-04-19

## COMPRESSION TEST REPORT

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

Specimens received on: 15-04-19 Tested on: 16-04-19 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	Solid Block		12x5.9x8.2	21	70.8	49	1560	
2	Solid Block		12x5.9x8.2	21.2	70.8	61	1930	
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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

8341

To: **(Muhammad Imran) Resident Engineer**

Dr. Umbreen

**G3 Engineering Consultants Pvt. Ltd. PSIC House, Davis Road Lahore.**

**Project: Consultancy Services for Review & Vetting of all Documents i.e, Planing, Designing, PC-I, Estimates**

Our Ref. No. CL/CED/

7852

Dated:

16-04-19

Your Ref. No.

G3/0161/

Dated:

27-03-19

## COMPRESSION TEST REPORT

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

Specimens received on:

28-03-19

Tested on:

16-04-19

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	1st Floor Slab	18	3	2019	6Diax12	13	28.28	29	2300	Engraved
2	1st Floor Slab	18	3	2019	6Diax12	13	28.28	31	2460	Engraved
3	1st Floor Slab	18	3	2019	6Diax12	13	28.28	29	2300	Engraved
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**Plain and Reinforced Concrete Laboratory**  
**Department of Civil Engineering**  
University of Engineering and Technology, Lahore  
Phone Nos. 042-99029202, 042-99029217

8341

Dr. Umbreen

To: **(Muhammad Imran) Resident Engineer**

**G3 Engineering Consultants Pvt. Ltd. PSIC House, Davis Road Lahore.**

**Project: Consultancy Services for Review & Vetting of all Documents i.e, Planing, Designing, PC-I, Estimate**

Our Ref. No. CL/CED/ 7853 Dated: 16-04-19

Your Ref. No. G3/0161/ Dated: 27-03-19

## COMPRESSION TEST REPORT

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

Specimens received on: 28-03-19 Tested on: 16-04-19 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	1st Floor Column	28	2	2019	6Diax12	14	28.28	73	5790	Non Engraved
2	1st Floor Column	28	2	2019	6Diax12	14.2	28.28	63	5000	Non Engraved
3	1st Floor Column	28	2	2019	6Diax12	14	28.28	63	5000	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

8430  
Dr. Aqsa

**To: Hafiz Muhammad Imran, Project Manager**  
**For, Rehman Construction Co.**  
**Project: MCB Dinga Branch (Consultant, The Signature)**

Our Ref. No. CL/CED/ 7854 Dated: 16-04-19  
Your Ref. No. RCI-HR/571 Dated: 09-04-19

## COMPRESSION TEST REPORT

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

Specimens received on: 09-04-19 Tested on: 11-04-19 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	Foundation Beam	3	3	2019	6x6x6	8	36	43	2680	Non Engraved
2	Foundation Beam	3	3	2019	6x6x6	8	36	57	3550	Non Engraved
3	Foundation Beam	3	3	2019	6x6x6	7.8	36	53	3300	Non Engraved
4	Column	5	3	2019	6x6x6	7.6	36	76	4730	Non Engraved
5	Column	5	3	2019	6x6x6	8	36	67	4170	Non Engraved
6	Column	5	3	2019	6x6x6	7.4	36	63	3920	Non Engraved
7	Slab	7	3	2019	6x6x6	7.6	36	62	3860	Non Engraved
8	Slab	7	3	2019	6x6x6	7.4	36	23	1440	Non Engraved
9	Slab	7	3	2019	6x6x6	8	36	71	4420	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
11										
12										
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**



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

8400  
Dr. Umbreen

To: **Mr. Abdul Ghafoor**  
**Karol War, Post Office Baghbanpura, Lahore.**  
**Project: Alfalah Bank Bldg.107-Y Commercial Area Phase-III, DHA, Lahore.(Swift Construction Company)**

Our Ref. No. CL/CED/ 7855 Dated: 16-04-19  
Your Ref. No. Nil Dated: 28-03-19

## COMPRESSION TEST REPORT

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

Specimens received on: 04-04-19 Tested on: 16-04-19 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	3	2019	6Diax12	14	28.28	51	4040	Engraved
2		20	3	2019	6Diax12	14	28.28	49	3890	Engraved
End	---	---	---	---	---	---	---	---	---	---
4										
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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**