



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

8759

Dr. Umbreen

To: **Sub Divisional Officer**

**Buildings Sub Division, Sialkot.**

**Project: Constt. of Buildings for GCWU Sialkot. (ADP No. 118 for the Year 2018-19). Group No.2.**

Our Ref. No. CL/CED/ 8391 Dated: 24-06-19

Your Ref. No. 295/ST Dated: 07-05-19

## COMPRESSION TEST REPORT

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

Specimens received on: 14-06-19 Tested on: 17-06-19 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	Strip Footing	22	3	2019	6x6x6	8.4	36	84	5230	Non Engraved
2	Strip Footing	22	3	2019	6x6x6	8.6	36	83	5170	Non Engraved
3	Strip Footing	22	3	2019	6x6x6	8.4	36	81	5040	Non Engraved
4	Strip Footing	27	3	2019	6x6x6	8.2	36	63	3920	Non Engraved
5	Strip Footing	27	3	2019	6x6x6	8.6	36	63	3920	Non Engraved
6	Strip Footing	27	3	2019	6x6x6	8.2	36	59	3680	Non Engraved
7	Beam	30	3	2019	6x6x6	8.4	36	53	3300	Non Engraved
8	Beam	30	3	2019	6x6x6	8.6	36	67	4170	Non Engraved
9	Beam	30	3	2019	6x6x6	8.4	36	71	4420	Non Engraved
10	Beam	2	4	2019	6x6x6	8.4	36	71	4420	Engraved
11	Beam	2	4	2019	6x6x6	8.6	36	81	5040	Engraved
12	Beam	2	4	2019	6x6x6	8.6	36	77	4800	Engraved
13	Raft Footing	5	4	2019	6x6x6	8.4	36	53	3300	Non Engraved
14	Raft Footing	5	4	2019	6x6x6	8.2	36	53	3300	Non Engraved
15	Raft Footing	5	4	2019	6x6x6	8.2	36	53	3300	Non Engraved
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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**



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8762  
Dr. M. Yousaf

**To: Fifth Avenue Construction.**  
**5-T Gulberg-II, Lahore.**  
**Project:**

Our Ref. No. CL/CED/ 8392 Dated: 24-06-19

Your Ref. No. Nil Dated: 17-06-19

## COMPRESSION TEST REPORT

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

Specimens received on: 17-06-19 Tested on: 18-06-19 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	G.F Slab	18	5	2019	6Diax12	13.8	28.28	54	4280	Engraved
2	G.F Slab	18	5	2019	6Diax12	13.6	28.28	50	3970	Engraved
3	G.F Slab	18	5	2019	6Diax12	13.4	28.28	53	4200	Engraved
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8770

Dr. M. Yousaf

**To: Hafiz Mahmood Ul Hassan, General Manager**  
**D-Mix Concrete Products. DHA Phase-9, Lahore Cantt.**  
**Project: Lahore School of Economics.**

Our Ref. No. CL/CED/ 8393 Dated: 24-06-19

Your Ref. No. 873 Dated: 17-06-19

## COMPRESSION TEST REPORT

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

Specimens received on: 18-06-19 Tested on: 18-06-19 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	4	2019	6Diax12	14	28.28	114	9030	Non Engraved
2	Slab	22	4	2019	6Diax12	14	28.28	117	9270	Non Engraved
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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**



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Phone Nos. 042-99029202, 042-99029217

8774  
Dr. Aqsa

**To: M. Qasim Naseer (Manager Proposals)**  
**Ittefaq Building Solutions (Pvt) Ltd.**  
**Project: Sterling Complex, Izmir Town Lahore.**

Our Ref. No. CL/CED/ 8394 Dated: 24-06-19  
Your Ref. No. Nil Dated: 18-06-19

## COMPRESSION TEST REPORT

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

Specimens received on: 18-06-19 Tested on: 18-06-19 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	Raft, 3000 Psi	16	5	2019	6x6x6	8.6	36	54	3360	Non Engraved
2	Raft, 3000 Psi	16	5	2019	6x6x6	8.6	36	58	3610	Non Engraved
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8774  
Dr. Aqsa

To: **M. Qasim Naseer (Manager Proposals)**  
**Ittefaq Building Solutions (Pvt) Ltd.**  
**Project: Sterling Complex, Izmir Town Lahore.**

Our Ref. No. CL/CED/ 8395 Dated: 24-06-19  
Your Ref. No. Nil Dated: 18-06-19

## COMPRESSION TEST REPORT

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

Specimens received on: 18-06-19 Tested on: 18-06-19 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	RCC Wall,3000Psi	11	5	2019	6x6x6	8.4	36	37	2310	Non Engraved
2	RCC Wall,3000Psi	11	5	2019	6x6x6	8.2	36	35	2180	Non Engraved
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8776

Dr. Aqsa

To: **Mr. Imtiaz Ahmad, Project Manager**

**A.S. Enterprises Engineers & Contractors.(Contt., M/S AS Enterprises), (Conslt., AA Associates)**

**Project: Style Textile Mill**

Our Ref. No. CL/CED/

8396

Dated:

24-06-19

Your Ref. No.

USD/ASE/07

Dated:

18-06-19

## COMPRESSION TEST REPORT

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

Specimens received on:

18-06-19

Tested on:

20-06-19

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	C30, Column	21	5	2019	6x6x6	8.8	36	137	8530	Non Engraved
2	C30, Column	21	5	2019	6x6x6	8.6	36	123	7660	Non Engraved
3	C30, Column	21	5	2019	6x6x6	8.4	36	130	8090	Non Engraved
4	C20(Footing+Beam)	21	5	2019	6x6x6	8.6	36	100	6230	Non Engraved
5	C20(Footing+Beam)	21	5	2019	6x6x6	8.8	36	85	5290	Non Engraved
6	C20(Footing+Beam)	21	5	2019	6x6x6	8.4	36	96	5980	Non Engraved
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8777

To: Mr. Muhammad Imtiaz, Project Manager

Dr. Aqsa

A.S. Enterprises Engineers & Contractors.(Contt., M/S AS Enterprises), (Conslt., AA Associates)

Project: US Dynamo Mill.

Our Ref. No. CL/CED/

8397

Dated:

24-06-19

Your Ref. No.

USD/ASE/19

Dated:

18-06-19

## COMPRESSION TEST REPORT

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

Specimens received on:

18-06-19

Tested on:

20-06-19

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	C30 (OHT Slab)	18	5	2019	6x6x6	8.4	36	122	7600	Non Engraved
2	C30 (OHT Slab)	18	5	2019	6x6x6	8.6	36	101	6290	Non Engraved
3	C30 (OHT Slab)	18	5	2019	6x6x6	8.4	36	102	6350	Non Engraved
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 Phone Nos. 042-99029202, 042-99029217

8781

**To: Major (Muhammad Earhan Khan), Project Officer (Contractor, M/S Trust Developers (Pvt) Ltd).**  
**19 Engineer Battalion (Chaghai Sappers) Sheikhupura Camp C/O Signal Centre (FWO Chaklala)**  
**Project: RCC Deck Slab at Kot Abdul Malik Bridge (KM 22+00 South Side) on Motorway (M-2).**

Dr. Aqsa

Our Ref. No. CL/CED/ 8398 Dated: 24-06-19  
 Your Ref. No. 607/SDO B&R/General Dated: 18-06-19

**COMPRESSION TEST REPORT**

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

Specimens received on: 19-06-19 Tested on: 20-06-19 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	C30 (OHT Slab)	29	5	2019	6Diax12	14	28.28	65	5150	Non Engraved
2	C30 (OHT Slab)	29	5	2019	6Diax12	14	28.28	66	5230	Non Engraved
3	C30 (OHT Slab)	29	5	2019	6Diax12	14	28.28	63	5000	Non Engraved
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