



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

8911

Dr. M. Yousaf

**To: Mr. Arfan Bhatti**  
**Rahat Hafeez Builders. 93-M1, Eden Tower, Main Boulevard, Gulberg II, Lahore.**  
**Project: Nil**

Our Ref. No. CL/CED/ 8522 Dated: 15-07-19

Your Ref. No. Nil Dated: 11-07-19

## COMPRESSION TEST REPORT

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

Specimens received on: 11-07-19 Tested on: 12-07-19 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	Rectangular Grey				7.8x3.9x2.2	2598	30.42	122	8990	
2	Rectangular Grey				7.8x3.9x2.2	2666	30.42	70	5160	
3	Rectangular Grey				7.8x3.9x2.2	2724	30.42	114	8400	
4	Rectangular Grey				7.8x3.9x2.2	2664	30.42	120	8840	
5	Rectangular Grey				7.8x3.9x2.2	2822	30.42	131	9650	
6	Rectangular Grey				7.8x3.9x2.2	2647	30.42	107	7880	
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departments?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**  
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8904

Dr. Umbreen

**To: Mr. Muhammad Nazir**  
**Post Office Gharri Dopata, Phatali, Tehsil & District Muzaffargarh.**  
**Project: Nil**

Our Ref. No. CL/CED/ 8523 Dated: 15-07-19

Your Ref. No. Nil Dated: 11-07-19

## COMPRESSION TEST REPORT

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

Specimens received on: 11-07-19 Tested on: 12-07-19 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		3	7	2019	6Diax12	13.2	28.28	21	1670	Engraved
2		3	7	2019	6Diax12	13.2	28.28	41	3250	Non Engraved
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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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8912

Dr. M. Yousaf

To: (Aamir Shehzad Mughal), Site Engineer  
BKRS, 30-KM Ferozpur Road, Lahore.

Project: Construction of BKRY 30-Km Ferozpur Road, Lahore. Slab Block "C".

Our Ref. No. CL/CED/ 8524 Dated: 15-07-19

Your Ref. No. TBL/19/013 Dated: 11-07-19

## COMPRESSION TEST REPORT

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

Specimens received on: 11-07-19 Tested on: 12-07-19 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 & Beams	4	7	2019	6Diax12	13.6	28.28	23	1830	Engraved
2	Slab & Beams	4	7	2019	6Diax12	14	28.28	20	1590	Non Engraved
3	Slab & Beams	4	7	2019	6Diax12	13.8	28.28	20	1590	Non Engraved
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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

8871

To: **IBNA AL AZIZ**

Engr. Aamina

117 Ahmad Block, New Garden Town, Lahore.

Project: **Fuad Sb Home 5 Marla House at Upper Mall, Lahore.**

Our Ref. No. CL/CED/ 8525 Dated: 15-07-19

Your Ref. No. Nil Dated: 05-07-19

## COMPRESSION TEST REPORT

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

Specimens received on: 05-07-19 Tested on: 09-07-19 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		31	5	2019	6Diax12	12.6	28.28	27	2140	Non Engraved
2		31	5	2019	6Diax12	12.8	28.28	30	2380	Non Engraved
3		31	5	2019	6Diax12	12.8	28.28	47	3730	Non Engraved
4		31	5	2019	6Diax12	13	28.28	36	2860	Non Engraved
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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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Phone Nos. 042-99029202, 042-99029217

8870

**To: Muhammad Sohail Anjum, Project Manager**  
**P-156 Gulberg-II, Lahore.**  
**Project: Construction of P-156 Gulberg-II, Lahore.**

Dr. M. Yousaf

Our Ref. No. CL/CED/ 8526 Dated: 15-07-19

Your Ref. No. P-156-007 Dated: 04-07-19

## COMPRESSION TEST REPORT

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

Specimens received on: 04-07-19 Tested on: 12-07-19 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	15, (4000 Psi)	28	6	2019	6Diax12	14	28.28	56	4440	Non Engraved
2	16, (4000 Psi)	28	6	2019	6Diax12	14	28.28	51	4040	Non Engraved
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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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Phone Nos. 042-99029202, 042-99029217

8853

To: **Mr. Shaban Ashraf**

Dr. Usman Akmal

**Saad Hammad Associates. 6-A Sea Breeze House, 1- Sher Shah Block, New Garden Town, Lahore.**

**Project: Nil.**

Our Ref. No.  
CL/CED/

8527

Dated:

15-07-19

Your Ref. No.

Nil

Dated:

02-07-19

## COMPRESSION TEST REPORT

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

Specimens received on: 02-07-19      Tested on: 15-07-19      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				15.5x3.9x7.9	14	46.92	35.5	1700	
2	Hollow Block				16x7.9x7.9	22.4	75.4	17	510	
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8852

Dr. M. Yousaf

To: **Abdul Rauf Saqib, Manager Projects**

**Ittefaq Construction Services.**

**Project: Construction of Suzuki Showroom at Township Lahore.**

Our Ref. No. CL/CED/ 8528 Dated: 15-07-19

Your Ref. No. ICS/S.S/01 Dated: 01-07-19

## COMPRESSION TEST REPORT

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

Specimens received on: 02-07-19 Tested on: 03-07-19 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	Raft ,3000 Psi	2	6	2019	6Diax12	13.8	28.28	67	5310	Non Engraved
2	Raft ,3000 Psi	2	6	2019	6Diax12	14	28.28	65	5150	Non Engraved
3	Raft ,3000 Psi	2	6	2019	6Diax12	14	28.28	49	3890	Non Engraved
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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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Phone Nos. 042-99029202, 042-99029217

8856

Dr. Aqsa

**To: Muhammad Aftab, Asstt to General Manager**  
**Banu Mukhtar Contracting Pvt. Ltd.**  
**Project: Interloop Green Denim Factor.**

Our Ref. No. CL/CED/ 8529 Dated: 15-07-19

Your Ref. No. BMC/Interloop/010-A Dated: 02-07-19

## COMPRESSION TEST REPORT

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

Specimens received on: 02-07-19 Tested on: 04-07-19 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	Roof Slab	31	5	2019	6x6x6	9	36	72	4480	Non Engraved
2	Roof Slab	31	5	2019	6x6x6	9	36	65	4050	Non Engraved
3	Roof Slab	31	5	2019	6x6x6	8.8	36	62	3860	Non Engraved
4	Roof Slab	31	5	2019	6x6x6	9	36	67	4170	Non 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

8856

Dr. Aqsa

**To: Muhammad Aftab, Asstt to General Manager**  
**Banu Mukhtar Contracting Pvt. Ltd.**  
**Project: Interloop Green Denim Factor.**

Our Ref. No. CL/CED/ 8530 Dated: 15-07-19

Your Ref. No. BMC/Interloop/010-A Dated: 02-07-19

## COMPRESSION TEST REPORT

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

Specimens received on: 02-07-19 Tested on: 04-07-19 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
		1	6	2019						
1	Roof Slab	1	6	2019	6x6x6	9	36	72	4480	Non Engraved
2	Roof Slab	1	6	2019	6x6x6	9	36	79	4920	Non Engraved
3	Roof Slab	1	6	2019	6x6x6	9	36	71	4420	Non Engraved
4	Roof Slab	1	6	2019	6x6x6	9	36	73	4550	Non Engraved
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**Director/Dy. Director Concrete Laboratory**



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Phone Nos. 042-99029202, 042-99029217

8857

Dr. M. Yousaf

**To: Muhammad Saleem (GM)**  
**Professional Construction Services (Pvt.) Ltd. Lahore**  
**Project: Construction of Windsor Inn Hotel Multan (Mezzanine Floor Slab 3rd)**

Our Ref. No. CL/CED/ 8531 Dated: 15-07-19

Your Ref. No. 19/Eng-40-B Dated: 02-07-19

## COMPRESSION TEST REPORT

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

Specimens received on: 02-07-19 Tested on: 03-07-19 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	(1 : 2 : 4)	2	6	2019	6Diax12	13.4	28.28	35	2780	Non Engraved
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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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Phone Nos. 042-99029202, 042-99029217

8857

**To: Muhammad Saleem (GM)**  
**Professional Construction Services (Pvt.) Ltd. Lahore**  
**Project: Construction of Windsor Inn Hotel Multan (Mezzanine Floor Slab 3rd)**

Dr. M. Yousaf

Our Ref. No. CL/CED/ 8532 Dated: 15-07-19

Your Ref. No. 19/Eng-40-A Dated: 02-07-19

## COMPRESSION TEST REPORT

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

Specimens received on: 02-07-19 Tested on: 03-07-19 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	(1 : 2 : 4)	2	6	2019	6Diax12	13.4	28.28	58	4600	Non Engraved
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**Director/Dy. Director Concrete Laboratory**



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Phone Nos. 042-99029202, 042-99029217

8801  
Dr. Aqsa

**To: Muhammad Adnan (Planning and Coordination Engineer)**  
**Pachem Global (Pvt.) Ltd. Lahore**  
**Project: Nil**

Our Ref. No. CL/CED/ 8533 Dated: 15-07-19

Your Ref. No. Nil Dated: 24-06-19

## COMPRESSION TEST REPORT

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

Specimens received on: 24-06-19 Tested on: 11-07-19 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	B N A			3452	8.7x4.4x2.9	2933	38.28	37	2170	15.03
2	B N A			3411	8.8x4.3x3.0	2902	37.84	32	1900	14.92
3	B N A			3453	8.9x4.4x2.9	3187	38.72	28	1620	14.74
4	B N A			3448	8.8x4.4x3.0	3027	38.72	35	2030	12.2
5	B N A			3424	8.8x4.4x3.0	2919	38.72	36	2090	14.74
6	B N A				8.7x4.4x3.0	2991	38.28	48	2810	
7	B N A				8.8x4.3x3.0	3007	37.84	39	2310	
8	B N A				8.8x4.4x2.9	3019	38.72	36	2090	
9	B N A				8.9x4.4x2.8	2860	38.72	50	2900	
10	B N A				8.8x4.3x2.9	2870	37.84	28	1660	
End	---	---	---	---	---	---	---	---	---	---
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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

8808

Dr. Aqsa

To: Sub Divisional Officer

Building Sub Division, Toba Tek Singh

Project: Constt. of Parking Shed, Approach Road/Street Light, Guard Room & External Development, Sewerage System in Judicial Complex Gojra Distt. TT Singh

Our Ref. No. CL/CED/

8534

Dated:

15-07-19

Your Ref. No.

2676/TTS

Dated:

21-06-19

## COMPRESSION TEST REPORT

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

Specimens received on:

24-06-19

Tested on:

11-07-19

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	Rectangular Grey		7.8x3.9x2.2	3028	30.42	101	7440	
2	Rectangular Grey		7.8x3.9x2.2	3011	30.42	144	10610	
3	Rectangular Grey		7.8x3.9x2.2	2698	30.42	104	7660	
4	Rectangular Grey		7.8x3.9x2.2	2891	30.42	154	11340	
5	Rectangular Grey		7.8x3.9x2.2	2867	30.42	156	11490	
6	Rectangular Grey		7.8x3.9x2.2	2890	30.42	110	8100	
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\* 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

8808  
Dr. Aqsa

**To: Sub Divisional Officer**  
**Building Sub Division, Toba Tek Singh**  
**Project: Construction of Circle Office Special Branch Toba Tek Singh**

Our Ref. No. CL/CED/ 8535 Dated: 15-07-19  
Your Ref. No. 2678/TTS Dated: 21-06-19

## COMPRESSION TEST REPORT

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

Specimens received on: 24-06-19 Tested on: 11-07-19 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	Rectangular Red				7.8x3.9x2.1	2760	30.42	81	5970	
2	Rectangular Red				7.8x3.9x2.1	2837	30.42	118	8690	
3	Rectangular Grey				7.8x3.9x2.2	2842	30.42	114	8400	
4	Rectangular Grey				7.8x3.9x2.2	2903	30.42	130	9580	
5	Rectangular Grey				7.8x3.9x2.2	2861	30.42	116	8550	
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departments/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

8808  
Dr. Aqsa

**To: Municipal Officer (Infrastructure)**  
**Municipal Committee, Toba Tek Singh**  
**Project: Improvement of General Bus Stand Toba Tek Singh**

Our Ref. No. CL/CED/ 8536 Dated: 15-07-19

Your Ref. No. 161/MC/TTS Dated: 21-05-19

## COMPRESSION TEST REPORT

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

Specimens received on: 24-06-19 Tested on: 11-07-19 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	Rectangular Grey				7.8x3.9x2.9	3549	30.42	134	9870	
2	Rectangular Grey				7.8x3.9x2.9	3678	30.42	124	9140	
3	Rectangular Grey				7.8x3.9x2.9	3655	30.42	138	10170	
4	Rectangular Grey				7.8x3.9x2.9	3651	30.42	118	8690	
End	---	---	---	---	---	---	---	---	---	---
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\* as engraved on the specimens (if any)

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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

8834  
Dr. Aqsa

**To: Sub Divisional Officer**  
**Building Sub Division, Kasur**  
**Project: Construction of Residences at THQ Hospital Kot Radha Kishan, Kasur**

Our Ref. No. CL/CED/ 8537 Dated: 15-07-19  
Your Ref. No. 749 Dated: 12-06-19

## COMPRESSION TEST REPORT

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

Specimens received on: 27-06-19 Tested on: 11-07-19 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	A				8.9x4.4x2.8	3342	39.16	55	3150	
2	A				8.9x4.3x2.8	3209	38.27	41	2400	
3	A				8.9x4.4x2.9	3229	39.16	61	3490	
4	A				9.0x4.4x2.8	3298	39.6	46	2610	
5	A				8.9x4.3x2.9	3198	38.27	47	2760	
6	A				8.9x4.4x2.8	3306	39.16	59	3380	
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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" 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

8863  
Dr. Aqsa

**To: Sub Divisional Officer**  
**Building Sub Division, Hafizabad**  
**Project: Provision of Tuff Paver in Judicial Complex Hafizabad**

Our Ref. No. CL/CED/ 8538 Dated: 15-07-19  
Your Ref. No. 1205/HZ Dated: 17-06-19

## COMPRESSION TEST REPORT

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

Specimens received on: 03-07-19 Tested on: 11-07-19 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	Rectangular Grey				7.7x3.8x2.2	2467	29.26	92	7050	
2	Rectangular Grey				7.7x3.8x2.2	2385	29.26	47	3600	
3	Rectangular Grey				7.7x3.8x2.2	2486	29.26	76	5820	
4	Rectangular Grey				7.7x3.8x2.2	2510	29.26	59	4520	
5	Rectangular Grey				7.7x3.8x2.2	2417	29.26	59	4520	
6	Rectangular Grey				7.7x3.8x2.2	2672	29.26	116	8890	
7	Rectangular Grey				7.7x3.8x2.2	2540	29.26	83	6360	
8	Rectangular Grey				7.7x3.8x2.2	2535	29.26	73	5590	
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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)

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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

8865  
Dr. Aqsa

**To: Mr. Naveed Sadiq**  
**3A Tiles, Lahore**  
**Project: Nil**

Our Ref. No. CL/CED/ 8539 Dated: 15-07-19  
Your Ref. No. Nil Dated: 03-07-19

## COMPRESSION TEST REPORT

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

Specimens received on: 03-07-19 Tested on: 11-07-19 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	Trazzo Tile 3a (a)		5.8x5.8x1.0	1333	29.26	124	9500	
2	Trazzo Tile 3a (b)		5.8x5.8x1.0	1348	29.26	120	9190	
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing_reports&id=6)

\* as engraved on the specimens (if any)

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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

8866

Engr. Aamina

**To: Mr. Usman Ali (Project Manager)**  
**Mukhtar Sons Construction Pvt. Ltd.**  
**Project: Naveena Apartments, 35-C, Gulberg III, Lahore**

Our Ref. No. CL/CED/ 8540 Dated: 15-07-19

Your Ref. No. Nil Dated: 04-07-19

## COMPRESSION TEST REPORT

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

Specimens received on: 04-07-19 Tested on: 09-07-19 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	F.F. Slab Pour-1st	26	5	2019	6Diax12	14.4	28.28	57	4520	Non Engraved
2	F.F. Slab Pour-1st	26	5	2019	6Diax12	14.2	28.28	58	4600	Non Engraved
3	F.F. Slab Pour-1st	26	5	2019	6Diax12	14.4	28.28	34	2700	Non Engraved
4	F.F. Slab Pour-2nd	2	6	2019	6Diax12	14	28.28	44	3490	Non Engraved
5	F.F. Slab Pour-2nd	2	6	2019	6Diax12	14	28.28	41	3250	Non Engraved
6	F.F. Slab Pour-2nd	2	6	2019	6Diax12	14.2	28.28	46	3650	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing_reports&id=6)

\* as engraved on the specimens (if any)

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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

8867

Engr. Aamina

**To: Farhan Sajid (Resident Engineer)**  
**Mascon Associates (Pvt.) Ltd. Lahore**  
**Project: Musafir Khana (Badami Bagh Fruit & Veg. Market)**

Our Ref. No. CL/CED/ 8541 Dated: 15-07-19

Your Ref. No. MASC-RE/PG/18/6044 Dated: 28-04-19

## COMPRESSION TEST REPORT

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

Specimens received on: 04-07-19 Tested on: 09-07-19 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 & Beams	14	2	2019	6Diax12	13.8	28.28	76	6020	Non Engraved
2	Slab & Beams	14	2	2019	6Diax12	13.6	28.28	99	7850	Non Engraved
3	Slab & Beams	14	2	2019	6Diax12	13.4	28.28	69	5470	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing_reports&id=6)

\* as engraved on the specimens (if any)

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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**



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

8867  
Engr. Aamina

**To: Farhan Sajid (Resident Engineer)**  
**Mascon Associates (Pvt.) Ltd. Lahore**  
**Project: Musafir Khana (Badami Bagh Fruit & Veg. Market)**

Our Ref. No. CL/CED/ 8542 Dated: 15-07-19  
Your Ref. No. MASC-RE/PG/18/6043 Dated: 28-04-19

## COMPRESSION TEST REPORT

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

Specimens received on: 04-07-19 Tested on: 09-07-19 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	16	2	2019	6Diax12	14	28.28	67	5310	Non Engraved
2	Column	16	2	2019	6Diax12	14	28.28	82	6500	Non Engraved
3	Column	16	2	2019	6Diax12	14	28.28	73	5790	Non Engraved
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing\\_reports?id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing_reports?id=6)

\* as engraved on the specimens (if any)

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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

8881

Dr. Aqsa

To: (M. Hamza Javed), Assistant Director (Engg-I)

PHA, Lahore.

Project: Walkways at Pakistan Chowk, Dera Ghazi Khan.

Our Ref. No. CL/CED/

8543

Dated:

15-07-19

Your Ref. No.

AD (Engg-I)/PHA/626

Dated:

02-07-19

## COMPRESSION TEST REPORT

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

Specimens received on:

08-07-19

Tested on:

11-07-19

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	Rectangular Grey		7.7x3.9x2.2	2761	30.03	152	11340	
2	Rectangular Grey		7.7x3.9x2.2	2563	30.03	160	11940	
3	Rectangular Grey		7.7x3.9x2.2	2734	30.03	141	10520	
4	Rectangular Red		7.8x3.8x2.2	2734	30.42	90	6630	
5	Rectangular Red		7.8x3.8x2.2	2658	30.42	124	9140	
6	Rectangular Red		7.8x3.8x2.2	2505	30.42	61	4500	
7	K-2, Edging		7.3x6.3x4.2	5978	41	77	4210	
8	K-2, Edging		7.3x6.3x4.2	6123	41	69	3770	
9	K-2, Edging		7.3x6.3x4.2	6207	41	56	3060	
End	---	---	---	---	---	---	---	---
11								
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing\\_reports?id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departments/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