



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

1252

Dr. Umbreen

**To: Project Manager**  
**M/s Q-Links Property Management (Pvt.) Ltd.**  
**Project: Construction of Broadway Heights-3, Bahria Orchard, Lahore.**

Our Ref. No. CL/CED/ 3202 Dated: 26-05-21

Your Ref. No. QLC-BO-BH2-2021-037 Dated: 20-05-21

## COMPRESSION TEST REPORT

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

Specimens received on: 21-05-21 Tested on: 25-05-21 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 Slab(3000) Psi	6	5	2021	6Diax12	13.4	28.28	29	2300	Non Engraved
2	1st Floor Slab(3000) Psi	6	5	2021	6Diax12	13.4	28.28	31	2460	Non Engraved
3	1st Floor Slab(3000) Psi	6	5	2021	6Diax12	14	28.28	37	2940	Non Engraved
4	1st Floor Slab(3000) Psi	6	5	2021	6Diax12	14	28.28	35	2780	Non Engraved
5	1st Floor Slab(3000) Psi	6	5	2021	6Diax12	13	28.28	33	2620	Non Engraved
6	1st Floor Col. & Lift (3750)	20	4	2021	6Diax12	14	28.28	45	3570	Non Engraved
7	1st Floor Col. & Lift (3750) Psi	20	4	2021	6Diax12	13.2	28.28	57	4520	Non Engraved
8	1st Floor Column(3750) Psi	22	4	2021	6Diax12	13.6	28.28	57	4520	Non Engraved
9	1st Floor Column(3750) Psi	22	4	2021	6Diax12	13.4	28.28	59	4680	Non Engraved
10	1st Floor Lift Wall (3750) Psi	23	4	2021	6Diax12	13	28.28	57	4520	Non Engraved
11	1st Floor Lift Wall (3750) Psi	23	4	2021	6Diax12	14	28.28	61	4840	Non Engraved
12	1st Floor Lift Wall (3750) Psi	23	4	2021	6Diax12	13.1	28.28	45	3570	Non Engraved
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" 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

1270  
Dr. Umbreen

**To: Resident Engineer**  
**M/s ESS-I-AAR Consultants, Jhang.**  
**Project: Rehabilitation/ Improvement of Sewerage System Jhang Phase-1**

Our Ref. No. CL/CED/ 3203 Dated: 26-05-21

Your Ref. No. No.833 Dated: 21-05-21

## COMPRESSION TEST REPORT

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

Specimens received on: 21-05-21 Tested on: 25-05-21 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	Core Wall (1:1:2)	7	4	2021	6x6x6	9	36	98	6100	Non Engraved
2	Core Wall (1:1:2)	7	4	2021	6x6x6	9	36	104	6480	Non Engraved
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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

1270

Dr. Umbreen

To: Resident Engineer

M/s ESS-I-AAR Consultants, Jhang.

Project: Rehabilitation/ Improvement of Sewerage System Jhang Phase-1

Our Ref. No. CL/CED/ 3204 Dated: 26-05-21

Your Ref. No. No.821 Dated: 30-04-21

## COMPRESSION TEST REPORT

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

Specimens received on: 24-05-21 Tested on: 25-05-21 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	Solid Wall (1:1:2)	1	4	2021	6x6x6	9	36	134	8340	Non Engraved
2	Solid Wall (1:1:2)	1	4	2021	6x6x6	9	36	130	8090	Non Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

1256

To: **Engr. M. Akbar (CEO)**  
**M/s NAM Associates(Pvt.) Ltd. Lahore.**  
**Project: Construction of MCB, TownShip, Lahore.**

Dr. Umbreen

Our Ref. No. CL/CED/ 3205 Dated: 26-05-21

Your Ref. No. NAM-424/19 Dated: 24-05-21

## COMPRESSION TEST REPORT

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

Specimens received on: 24-05-21 Tested on: 25-05-21 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		7	5	2021	6Diax12	13.6	28.28	51	4040	Engraved
2		7	5	2021	6Diax12	14	28.28	53	4200	Engraved
3										
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

1271

Dr. Umbreen

To: Deputy Director, Engg.

Sec I&II, Package-1, LOLMTP, LDA, Lahore. (M/s IBM Construction Co.)

Project: Construction of TMA Office Shalamar Town, Lahore, Orange Line Train Metro Project (Package-1)

Our Ref. No. CL/CED/ 3206 Dated: 26-05-21

Your Ref. No. NAM-424/19 Dated: 24-05-21

## COMPRESSION TEST REPORT

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

Specimens received on: 24-05-21 Tested on: 25-05-21 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		9	5	2021	6x6x6	8.2	36	90	5600	Non Engraved
2		9	5	2021	6x6x6	8.2	36	90	5600	Non Engraved
3		9	5	2021	6x6x6	8	36	86	5360	Non Engraved
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1261  
Dr. Umbreen

**To: Procurement Manager)**  
**M/s Ravi Construction Company, Lahore)**  
**Project: Golden Pearl Cosmetics ( Pvt.) Ltd. Lahore.**

Our Ref. No. CL/CED/ 3207 Dated: 26-05-21

Your Ref. No. UET/RCC/135/21 Dated: 24-05-21

## COMPRESSION TEST REPORT

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

Specimens received on: 24-05-21 Tested on: 25-05-21 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		6	5	2021	6x6x6	8.8	36	73	4550	Engraved
2		6	5	2021	6x6x6	9	36	77	4800	Engraved
3		6	5	2021	6x6x6	8.8	36	77	4800	Engraved
4										
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Phone Nos. 042-99029202, 042-99029217

1154

Dr. Umbreen

To: Col® Raza Riasat

M/s New Vision Engineering Consultants. (M/s Afzaal Brothers & Company)

Project: Rehabilitation of Faiz Ahmad Faiz Road from Gate # 6 to Main Industrial Drain at Quaid -e-Azam Industrial Estate, Lahore.

Our Ref. No. CL/CED/ 3208 Dated: 26-05-21

Your Ref. No. NVEC/RO/QIE/2021/001 Dated: 28-04-21

## COMPRESSION TEST REPORT

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

Specimens received on: 28-04-21 Tested on: 25-05-21 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	AM		8.9x4.4x3.0	3147	39.16	47	2690	
2	AM		9.1x4.5x2.9	3154	40.95	45	2470	
3	AM		9.0x4.4x3.0	3137	39.6	39	2210	
4	AM		9.0x4.5x3.0	3124	39.6	45	2550	
5	AM		9.1x4.5x3.0	3208	40.95	31	1700	
6	AM		8.9x4.4x2.9	3186	39.16	51	2920	
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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)

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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

1253

Dr. Mazar

To: **Project Manager**

**M/s Q-Links Property Management (Pvt.) Ltd.**

**Project: Construction of Jasmine Grand Mall, Bahria Town, Lahore.**

Our Ref. No. CL/CED/ 3209-1 of 2 Dated: 26-05-21

Your Ref. No. QLC-BO-BH2-2021-039 Dated: 20-05-21

## COMPRESSION TEST REPORT

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

Specimens received on: 21-05-21 Tested on: 26-05-21 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 Foundation (3000) Psi	24	4	2021	6Diax12	13.2	28.28	21	1670	Engraved
2	Raft Foundation (3000) Psi	24	4	2021	6Diax12	14	28.28	27	2140	Engraved
3	Raft Foundation (3000) Psi	24	4	2021	6Diax12	13.8	28.28	41	3250	Engraved
4	Raft Foundation (3000) Psi	30	4	2021	6Diax12	13.6	28.28	23	1830	Non Engraved
5	Raft Foundation (3000) Psi	30	4	2021	6Diax12	14	28.28	21	1670	Non Engraved
6	Raft Foundation (3000) Psi	30	4	2021	6Diax12	13	28.28	28	2220	Non Engraved
7	Raft Foundation (3000) Psi	30	4	2021	6Diax12	14	28.28	23	1830	Non Engraved
8	Raft Foundation (3000) Psi	30	4	2021	6Diax12	13	28.28	26	2060	Non Engraved
9	Raft Foundation (3000) Psi	3	5	2021	6Diax12	13.6	28.28	24	1910	Non Engraved
10	Raft Foundation (3000) Psi	3	5	2021	6Diax12	14.1	28.28	27	2140	Non Engraved
11	Raft Foundation (3000) Psi	3	5	2021	6Diax12	13.6	28.28	29	2300	Non Engraved
12	Raft Foundation (3000) Psi	3	5	2021	6Diax12	13.8	28.28	25	1980	Non Engraved
13	Raft Foundation (3000) Psi	3	5	2021	6Diax12	14	28.28	31	2460	Non Engraved
14										
15										
16										

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)

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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

1253  
Dr. Mazar

**To: Project Manager**  
**M/s Q-Links Property Management (Pvt.) Ltd.**  
**Project: Construction of Jasmine Grand Mall, Bahria Town, Lahore.**

Our Ref. No. CL/CED/ 3209-2 of 2 Dated: 26-05-21

Your Ref. No. QLC-BO-BH2-2021-039 Dated: 20-05-21

## COMPRESSION TEST REPORT

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

Specimens received on: 21-05-21 Tested on: 26-05-21 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 Foundation (3000) Psi	7	5	2021	6Diax12	12.8	28.28	19	1510	Engraved
2	Raft Foundation (3000) Psi	7	5	2021	6Diax12	13.2	28.28	23	1830	Engraved
3	Raft Foundation (3000) Psi	7	5	2021	6Diax12	13	28.28	23	1830	Engraved
4	Raft Foundation (3000) Psi	7	5	2021	6Diax12	13.2	28.28	25	1980	Engraved
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15										
16										

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**Director/Dy. Director Concrete Laboratory**



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

1251  
Dr. Mazar

**To: Project Manager**  
**M/s Q-Links Property Management (Pvt.) Ltd.**  
**Project: Construction of Jasmine Grand Mall, Bahria Town, Lahore.**

Our Ref. No. CL/CED/ 3210 Dated: 26-05-21

Your Ref. No. QLC-BO-BH2-2021-038 Dated: 20-05-21

## COMPRESSION TEST REPORT

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

Specimens received on: 21-05-21 Tested on: 26-05-21 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	2021						
1	1st Floor Slab(3000) Psi	4	5	2021	6Diax12	13.2	28.28	31	2460	Non Engraved
2	1st Floor Slab(3000) Psi	4	5	2021	6Diax12	13	28.28	23	1830	Non Engraved
3	1st Floor Slab(3000) Psi	4	5	2021	6Diax12	13.4	28.28	33	2620	Non Engraved
4	1st Floor Column(5000)	4	5	2021	6Diax12	14	28.28	54	4280	Non Engraved
5	1st Floor Column(5000)	4	5	2021	6Diax12	13.8	28.28	58	4600	Non Engraved
6	1st Floor Column(5000)	4	5	2021	6Diax12	13.8	28.28	58	4600	Non Engraved
7										
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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

1254  
Engr. Ubaid

**To: Mr. Asim Ishaq**  
**The Trust School, Lahore.**  
**Project: Construction of Proposed Trust School for Amir Town Harbanspura, Lahore.**

Our Ref. No. CL/CED/ 3211 Dated: 26-05-21  
Your Ref. No. SBL/2021/UET-TEDDS/1224 Dated: 21-05-21

## COMPRESSION TEST REPORT

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

Specimens received on: 21-05-21 Tested on: 26-05-21 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 Foundation (3000) Psi	19	4	2021	6Diax12	14	28.28	40	3170	Non Engraved
2	Raft Foundation (3000) Psi	19	4	2021	6Diax12	13.4	28.28	35	2780	Non Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
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](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" 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

1254  
Engr. Ubaid

**To: Mr. Asim Ishaq**  
**The Trust School, Lahore.**  
**Project: Construction of Proposed Trust School for Amir Town Harbanspura, Lahore.**

Our Ref. No. CL/CED/ 3212 Dated: 26-05-21

Your Ref. No. SBL/2021/UET-TEDDS/1224 Dated: 21-05-21

## COMPRESSION TEST REPORT

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

Specimens received on: 21-05-21 Tested on: 26-05-21 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	Beam Foundation (3000) Psi	24	4	2021	6Diax12	13.4	28.28	33	2620	Non Engraved
2	Beam Foundation (3000) Psi	24	4	2021	6Diax12	13.4	28.28	41	3250	Non Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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\*\* 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