



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

670

To: Deputy Director Engg.

Dr. Burhan Shareef

Sec I&II , Package -I LOLMTP, LDA, Lahore

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

Our Ref. No. CL/CED/ 2268 Dated: 02-03-21

Your Ref. No. No.DD/PKG/- 1/LOLMPT/LDA/13 Dated: 09-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 11-02-21 Tested on: 02-03-21 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	AK		8.8X4.3X3.0	3374	37.84	33	1960	
2	AK		8.8X4.3X3.0	3352	37.84	39	2310	
3	AK		8.8X4.4X3.1	3428	38.72	39	2260	
4	A-1		8.7X4.2X2.8	2930	35.67	23	1450	
5	A-1		8.8X4.1X2.9	3115	36.08	25	1560	
6	A-1		8.7X4.1X2.8	2864	35.67	49	3080	
7	Z.A		8.7X4.3X2.8	3112	37.41	35	2100	
8	Z.A		8.7X4.1X2.9	3165	37.41	41	2460	
9	Z.A		8.8X4.3X3.0	3241	37.84	47	2790	
10	M.Z		8.9X4.3X3.0	3345	38.27	43	2520	
11	M.Z		8.8X4.2X3.0	3244	36.96	33	2000	
12	M.Z		8.7X4.3X3.0	3328	37.41	43	2580	
13								
14								
15								
16								

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



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Phone Nos. 042-99029202, 042-99029217

780

Dr.Ambreen

To: Resident Engineer

ESS-I-AAR Consultant Multant.

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

Our Ref. No. CL/CED/ 2269 Dated: 02-03-21

Your Ref. No. No.708 Dated: 01-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 01-03-21 Tested on: 02-03-21 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	Solid Wall of Wet Well (1:1:2)	30	1	2021		9.4	36	144	8960	Non Engraved
2	Solid Wall of Wet Well (1:1:2)	30	1	2021		9	36	134	8340	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

786

Dr.Ambreen

To: **Sub Divisional Officer**

**Building Sub Division No.1 M&R, GOR-1, Lahore.**

**Project: Construction of Additional Alteration and improvement of Residence No.09-Golf Lane in GOR-1, Lahore.**

Our Ref. No. CL/CED/ 2270 Dated: 02-03-21

Your Ref. No. No.62- BSD -1(M&R) Dated: 22-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 01-03-21 Tested on: 02-03-21 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	(1:2:4)	15	2	2021		9	36	45	2800	Non Engraved
2	(1:2:4)	15	2	2021		8.6	36	51	3180	Non Engraved
3	(1:2:4)	15	2	2021		9	36	110	6850	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

757

Engr.Ubaid

To: Mr. Muhammad Danial

M/s Rashid & Brothers, Lahore.

Project: Construction of Ortho Hospital 96-B Hall Road Gulberg -II Lahore.

Our Ref. No. CL/CED/ 2271 Dated: 02-03-21

Your Ref. No. No.2 Dated: 25-01-21

## COMPRESSION TEST REPORT

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

Specimens received on: 25-02-21 Tested on: 01-03-21 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	(4000) Psi	26	1	2021		14	28.28	63	4990	Non Engraved
2	(4000) Psi	26	1	2021		13.4	28.28	61	4840	Non Engraved
3	(4000) Psi	26	1	2021		13.6	28.28	65	5150	Non Engraved
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768

Engr.Ubaid

To: **Ch. Khalid javed (Project Manager)**

**Sufi City, Mandi Bahaudin**

**Project: Construction of Mandi Bahaudin (7 Ways Monument )**

Our Ref. No. CL/CED/ 2272 Dated: 02-03-21

Your Ref. No. No.S.City/MMT/25/2021 Dated: 25-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 26-02-21 Tested on: 01-03-21 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 (1:2:4)	23	1	2021		8	36	35	2180	Non Engraved
2	Raft (1:2:4)	23	1	2021		8	36	46	2870	Non Engraved
3	Column (1:1:5:3)	26	1	2021		8	36	59	3680	Engraved
4	Column (1:1:5:3)	26	1	2021		8	36	28	1750	Non Engraved
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760

Engr.Ubaid

To: **Muhammad Saleem (GM)**

**Professional Construction Services (Pvt.) Ltd.**

**Project: Construction of Allied Bank Limited DHA Phase 8c EX Park View Lahore.**

Our Ref. No. CL/CED/ 2273 Dated: 02-03-21

Your Ref. No. PCS/2021/Eng-32 Dated: 24-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 25-02-21 Tested on: 01-03-21 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	Third Floor Column (1:1.5:3)	16	2	2021		14.2	28.28	33	2620	Non Engraved
2	Third Floor Column (1:1.5:3)	16	2	2021		14	28.28	59	4680	Non Engraved
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## Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

772

Engr.Ubaid

To: **Mr. M. Sohail Anjum ( Project Manager)**  
**MEK Multistory Offices, MEK P-156 Gulberg-II, Lahore.**  
**Project: Construction of P-156 Project Gulberg-II Lahore.**

Our Ref. No. CL/CED/ 2274 Dated: 02-03-21

Your Ref. No. P-156-197 Dated: 26-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 26-02-21 Tested on: 01-03-21 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	737(4500) Psi	30	1	2021	6Diaxx12	14.4	28.28	79	6260	Non Engraved
2	739(4500) Psi	30	1	2021	6Diaxx12	14	28.28	85	6740	Non Engraved
3	740(4500) Psi	30	1	2021	6Diaxx12	14.4	28.28	83	6580	Non Engraved
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supervisor(lab)

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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

772

Engr.Ubaid

**To: Mr. M. Sohail Anjum ( Project Manager)**  
**MEK Multistory Offices, MEK P-156 Gulberg-II, Lahore.**  
**Project: Construction of P-156 Project Gulberg-II Lahore.**

Our Ref. No. CL/CED/ 2275 Dated: 02-03-21

Your Ref. No. P-156-198 Dated: 26-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 26-02-21 Tested on: 01-03-21 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
		3	2	2021						
1	745(3000) Psi	3	2	2021	6Diax12	14.6	28.28	49	3890	Non Engraved
2	746(3000) Psi	3	2	2021	6Diax12	14	28.28	47	3730	Non Engraved
3	747(3000) Psi	3	2	2021	6Diax12	14.4	28.28	49	3890	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

772  
Engr.Ubaid

**To: Mr. M. Sohail Anjum ( Project Manager)**  
**MEK Multistory Offices, MEK P-156 Gulberg-II, Lahore.**  
**Project: Construction of P-156 Project Gulberg-II Lahore.**

Our Ref. No. CL/CED/ 2276 Dated: 02-03-21  
Your Ref. No. P-156-199 Dated: 26-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 26-02-21 Tested on: 01-03-21 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	459 (4500) Psi	18	2	2021	6Diax12	14.4	28.28	68	5390	Non Engraved
2	760 (4500) Psi	18	2	2021	6Diax12	14.6	28.28	66	5230	Non Engraved
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University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

771

Engr.Ubaid

To: **Muhammad Azeem (Operational Manager)**

**Amer Adnan Associates Gulberg III, Lahore.**

**Project: Construction of Hotel Building at 24 -A Block E/ 2 at Gulberg III, lahore.**

Our Ref. No. CL/CED/ 2277 Dated: 02-03-21

Your Ref. No. AAA/24A/0026 Dated: 26-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 26-02-21 Tested on: 01-03-21 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	(5000) Psi	19	2	2021		14	28.28	83	6580	Non Engraved
2	(5000) Psi	19	2	2021		13.4	28.28	85	6740	Non Engraved
3	(5000) Psi	19	2	2021		13	28.28	75	5950	Non Engraved
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759

Engr.Ubaid

**To: Mr.Umar Nisar (Project Manager)**  
**Sky High Builder's (IZMIR Society, Lahore) M/s Strong Ready Mix**  
**Project: Construction of IZMIR Shopping Mall & Apartments**

Our Ref. No. CL/CED/ 2278 Dated: 02-03-21

Your Ref. No. IZMIR/009 Dated: 24-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 25-02-21 Tested on: 01-03-21 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	G.F Column (4000) Psi	9	2	2021		13.2	28.28	35	2780	Engraved
2	G.F Column (4000) Psi	9	2	2021		13	28.28	35	2780	Engraved
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Phone Nos. 042-99029202, 042-99029217

796

To: **Mr. Muhammad Tariq (Partner)**

Engr.A. Rehman

**48,49 Civic Centre Jubilee Town, Lahore.**

**Project: Future Tower at 48, 49 Civic Centre, Jubilee Town, Lahore.**

Our Ref. No. CL/CED/ 2279 Dated: 02-03-21

Your Ref. No. Nil Dated: 02-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 02-03-21 Tested on: 02-03-21 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	(3000) Psi	8	2	2021		14	28.28	35	2780	Non Engraved
2	(3000) Psi	8	2	2021		14	28.28	33	2620	Non Engraved
3	(3000) Psi	8	2	2021		13.6	28.28	48	3810	Non Engraved
4										
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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

721

Engr.A. Rehman

**To: Sub Divisional Officer**  
**Building Sub Division No.14 Wahdat Colony Lahore (WC-II)**  
**Project: Improvement of Sewerage System at Wahdat Colony Lahore.**

Our Ref. No. CL/CED/ 2281 Dated: 02-03-21

Your Ref. No. No.101 Dated: 12-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 19-02-21 Tested on: 02-03-21 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	MA		8.9x4.4x2.9	3199	39.16	45	2580	
2	MA		8.8x4.4x2.9	3178	38.72	43	2490	
3	MA		9.0x4.4x3.0	3218	39.6	50	2830	
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16								

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\* 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

752

To: **Mr. Bunyad Hussain**  
**SBH Builders, Lahore**  
**Project: MCB Walton Road Lahore**

Engr. A. Rehman

Our Ref. No. CL/CED/ 2283 Dated: 02-03-21

Your Ref. No. Nil Dated: 24-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 24-02-21 Tested on: 02-03-21 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		15	11	2020	6Diax12	13.6	28.28	45	3570	Non Engraved
2		15	11	2020	6Diax12	13.4	28.28	52	4120	Non Engraved
3		3	1	2021	6Diax12	13.6	28.28	40	3170	Non Engraved
4		3	1	2021	6Diax12	13.4	28.28	64	5070	Non Engraved
5										
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14										
15										
16										

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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"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

761

Dr. Umbreen

**To: M/s Gulf Construction Services**  
**Lahore**  
**Project: Private Project**

Our Ref. No. CL/CED/ 2284 Dated: 02-03-21

Your Ref. No. GCS/23 Dated: 24-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 25-02-21 Tested on: 02-03-21 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	3000 Psi	2	2	2021	6Diax12	13.6	28.28	25	1980	Non Engraved
2	3000 Psi	2	2	2021	6Diax12	13.4	28.28	25	1980	Non Engraved
3										
4										
5										
6										
7										
8										
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13										
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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

762

Dr. Umbreen

**To: Mr. Khalid Bashir**  
**Ittefaq Building Solution (Pvt.) Ltd. Lahore**  
**Project: RCC Wall of Ms-Emporio DHA-Phase 7, Lahore**

Our Ref. No. CL/CED/ 2285 Dated: 02-03-21

Your Ref. No. IBS/MCDR/CT850 Dated: 25-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 25-02-21 Tested on: 02-03-21 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	3000 Psi	20	1	2021	6Diax12	13.6	28.28	73	5790	Non Engraved
2	3000 Psi	20	1	2021	6Diax12	14	28.28	67	5310	Non Engraved
3										
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\* as engraved on the specimens (if any)

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\*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

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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

764  
Dr. Umbreen

**To: Mr. M. Shahbaz Iqbal**  
**BPS (Pvt.) Ltd. Lahore**  
**Project: Alpha Homes (Apartments)**

Our Ref. No. CL/CED/ 2286 Dated: 02-03-21  
Your Ref. No. Nil Dated: 26-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 26-02-21 Tested on: 02-03-21 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	Ramp Wall 44/B-C	16	1	2021	6Diax12	14	28.28	73	5790	Non Engraved
2	Ramp Wall 44/B-C	16	1	2021	6Diax12	14.2	28.28	65	5150	Non Engraved
3	Ramp Wall 44/B-C	16	1	2021	6Diax12	14	28.28	65	5150	Non Engraved
4										
5										
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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

764  
Dr. Umbreen

**To: Mr. M. Shahbaz Iqbal**  
**BPS (Pvt.) Ltd. Lahore**  
**Project: Alpha Homes (Apartments)**

Our Ref. No. CL/CED/ 2287 Dated: 02-03-21

Your Ref. No. Nil Dated: 26-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 26-02-21 Tested on: 02-03-21 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	Sher Wall D-D	16	2	2021	6Diax12	13.2	28.28	67	5310	Non Engraved
2	Sher Wall D-D	16	2	2021	6Diax12	14	28.28	67	5310	Non Engraved
3	Sher Wall D-D	16	2	2021	6Diax12	14	28.28	68	5390	Non Engraved
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)

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\*\*\* 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

764

Dr. Umbreen

**To: Mr. M. Shahbaz Iqbal**  
**BPS (Pvt.) Ltd. Lahore**  
**Project: Alpha Homes (Apartments)**

Our Ref. No. CL/CED/ 2288 Dated: 02-03-21

Your Ref. No. Nil Dated: 26-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 26-02-21 Tested on: 02-03-21 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	Sher Wall C-C	19	1	2021	6Diax12	14	28.28	63	4990	Non Engraved
2	Sher Wall C-C	19	1	2021	6Diax12	13.4	28.28	47	3730	Non Engraved
3	Sher Wall C-C	19	1	2021	6Diax12	13.6	28.28	75	5950	Non Engraved
4										
5										
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16										

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)

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\*\*\*\* 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

764

Dr. Umbreen

**To: Mr. M. Shahbaz Iqbal**  
**BPS (Pvt.) Ltd. Lahore**  
**Project: Alpha Homes (Apartments)**

Our Ref. No. CL/CED/ 2289 Dated: 02-03-21

Your Ref. No. Nil Dated: 26-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 26-02-21 Tested on: 02-03-21 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	Ret Wall 44/C-1	23	1	2021	6Diax12	14	28.28	73	5790	Non Engraved
2	Ret Wall 44/C-1	23	1	2021	6Diax12	14.2	28.28	63	4990	Non Engraved
3	Ret Wall 44/C-1	23	1	2021	6Diax12	13.8	28.28	73	5790	Non Engraved
4										
5										
6										
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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)

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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

766

To: **Mr. Azam Wahab (Construction Manager)**  
**Akhunzada Associates (Pvt.) Ltd. Peshawar.**

Engr. A. Rehman

**Project: Construction of 01 No of 3 Storey Building in Sheikhupura in Punjab Province, Pakistan**

Our Ref. No. CL/CED/ 2290 Dated: 02-03-21

Your Ref. No. AA/UNOPS/UET/028 Dated: 26-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 26-02-21 Tested on: 02-03-21 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	Roof Slab	26	1	2021	6Diax12	14	28.28	55	4360	Engraved
2	Roof Slab	26	1	2021	6Diax12	14	28.28	48	3810	Engraved
3	Roof Slab	26	1	2021	6Diax12	13.8	28.28	50	3960	Engraved
4										
5										
6										
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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)

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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

766

To: **Mr. Azam Wahab (Construction Manager)**  
**Akhunzada Associates (Pvt.) Ltd. Peshawar.**

Engr. A. Rehman

**Project: Construction of 01 No of 3 Storey Building in Sheikhpura in Punjab Province, Pakistan**

Our Ref. No. CL/CED/ 2291 Dated: 02-03-21

Your Ref. No. AA/UNOPS/UET/029 Dated: 26-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 26-02-21 Tested on: 02-03-21 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	Parapet Wall	14	2	2021	6Diax12	13.4	28.28	53	4200	Engraved
2	Parapet Wall	14	2	2021	6Diax12	13.6	28.28	46	3650	Engraved
3	Parapet Wall	14	2	2021	6Diax12	13.6	28.28	51	4040	Engraved
4										
5										
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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)

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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

769

To: Mr. Muhammad Saleem (GM)

Engr. A. Rehman

Professional Construction Services (Pvt.) Ltd. Lahore

Project: Construction of Allied Bank Limited Valencia Town Lahore (First Floor Columns & RCC Walls at Grid A~C / 1~4)

Our Ref. No. CL/CED/

2292

Dated:

02-03-21

Your Ref. No.

PCS/202/Eng-34

Dated:

26-02-21

## COMPRESSION TEST REPORT

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

Specimens received on:

26-02-21

Tested on:

02-03-21

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
		19	2	2021						
1	( 1 : 1.5 : 3 )	19	2	2021	6Diax12	13.6	28.28	40	3170	Non Engraved
2	( 1 : 1.5 : 3 )	19	2	2021	6Diax12	13.8	28.28	44	3490	Non Engraved
3										
4										
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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

769

To: Mr. Muhammad Saleem (GM)

Engr. A. Rehman

Professional Construction Services (Pvt.) Ltd. Lahore

Project: Construction of Allied Bank Limited Valencia Town Lahore (Ground Floor Columns & RCC Walls at Grid A~C / 1~4)

Our Ref. No. CL/CED/

2293

Dated:

02-03-21

Your Ref. No.

PCS/202/Eng-33

Dated:

26-02-21

## COMPRESSION TEST REPORT

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

Specimens received on:

26-02-21

Tested on:

02-03-21

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	( 1 : 1.5 : 3 )	29	1	2021	6Diax12	13.8	28.28	53	4200	Non Engraved
2	( 1 : 1.5 : 3 )	29	1	2021	6Diax12	13.8	28.28	56	4440	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**  
University of Engineering and Technology, Lahore  
Phone Nos. 042-99029202, 042-99029217

763

To: **Mr. Hassan Khan Sherwani (Provincial Construction Manager)**

Engr. A. Rehman

**Humqadam SCRIP (M/S Dawn Construction)**

**Project: Humqadam- School Construction and Rehabilitation Programme (RD)**

Our Ref. No. CL/CED/ 2294 Dated: 02-03-21

Your Ref. No. IMC-LHR/SCRIP/2020/  
Material Testing/LHR/-6 Dated: 26-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 26-02-21 Tested on: 02-03-21 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		20	2	2021	6Diax12	11.2	28.28	6	480	Not Engraved
2		20	2	2021	6Diax12	11.8	28.28	8	640	Not Engraved
3		20	2	2021	6Diax12	11.8	28.28	11	880	Not 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**



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

763

To: **Mr. Hassan Khan Sherwani (Provincial Construction Manager)**

Engr. A. Rehman

**Humqadam SCRП (M/S Dawn Construction)**

**Project: Humqadam- School Construction and Rehabilitation Programme (NZ)**

Our Ref. No. CL/CED/ 2295 Dated: 02-03-21

Your Ref. No. IMC-LHR/SCRП/2020/  
Material Testing/LHR/-6 Dated: 26-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 26-02-21 Tested on: 02-03-21 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		20	2	2021	6Diax12	11.8	28.28	9	720	Non Engraved
2		20	2	2021	6Diax12	12.4	28.28	14	1110	Non Engraved
3		20	2	2021	6Diax12	11.2	28.28	10	800	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**  
University of Engineering and Technology, Lahore  
Phone Nos. 042-99029202, 042-99029217

756

To: **Mr. Hassan Khan Sherwani (Provincial Construction Supervision Manager)**  
**Humqadam SCRP (M/s Dawn Construction)**  
**Project: Humqadam-School Construction and Rehabilitation Programme**

Dr. Umbreen

Our Ref. No. CL/CED/ 2296 Dated: 02-03-21

Your Ref. No. IMC-LHR/SCRP/2020/  
MaterialTesting/LHR-3 Dated: 25-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 25-02-21 Tested on: 02-03-21 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	Mortar Cube	19	2	2021	2.0x2.0x2.0	260	4	7.5	4140	
2	Mortar Cube	19	2	2021	2.0x2.0x2.0	246	4	8	4410	
3	Mortar Cube	19	2	2021	2.0x2.0x2.0	252	4	5	2760	
4	Mortar Cube	19	2	2021	2.0x2.0x2.0	259	4	7	3860	
5	Mortar Cube	19	2	2021	2.0x2.0x2.0	261	4	9	4960	
6	Mortar Cube	19	2	2021	2.0x2.0x2.0	249	4	9	4960	
7	Mortar Cube	19	2	2021	2.0x2.0x2.0	251	4	9.5	5240	
8	Mortar Cube	19	2	2021	2.0x2.0x2.0	257	4	10	5510	
9	Mortar Cube	19	2	2021	2.0x2.0x2.0	248	4	3	1660	
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supervisor(lab)

Director/Dy. Director Concrete Laboratory