



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

540

Engr. Abdul Rehman

**To: Zee Crete (Pvt) Ltd.**  
**321-Upper Mall, Lahore.**  
**Project: Nil**

Our Ref. No. CL/CED/ 1847 Dated: 28-01-21

Your Ref. No. Nil Dated: 26-01-21

## COMPRESSION TEST REPORT

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

Specimens received on: 26-01-21 Tested on: 28-01-21 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	Fly Ash Brick		9x4.2x2.9	3474	37.8	18	1070	
2	Fly Ash Brick		9x4.2x2.9	3191	37.8	16	950	
3	Fly Ash Brick		9x4.2x2.9	3253	37.8	25	1490	
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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

551

**To: Hafiz Aftab Ahmed**  
**Block C, Sector D, Bahria Town, House No. 661 Lahore.**  
**Project: 249 EE Block Bahria Town, Lahore.**

Engr. Abdul Rehman

Our Ref. No. CL/CED/ 1848 Dated: 28-01-21

Your Ref. No. Nil Dated: 28-01-21

## COMPRESSION TEST REPORT

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

Specimens received on: 27-01-21 Tested on: 28-01-21 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	26	12	2020	6Diax12	13.2	28.28	23	1830	Non Engraved
2	3000 Psi	26	12	2020	6Diax12	13.8	28.28	23	1830	Non Engraved
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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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

518

Dr. Umbreen

**To: Project Manager**  
**Ahmed Construction Company, Lahore**  
**Project: Plinth Beams**

Our Ref. No. CL/CED/ 1849 Dated: 28-01-21

Your Ref. No. ACCO/TCL/015 Dated: 22-01-21

## COMPRESSION TEST REPORT

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

Specimens received on: 22-01-21 Tested on: 26-01-21 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	26	12	2020	6Diax12	13.4	28.28	57	4520	Engraved
2	3000 Psi	26	12	2020	6Diax12	14	28.28	63	4990	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

519

To: Mr. Umar Nisar (Project Engineer)

Dr. Umbreen

Rana Associates, Lahore (Sky High Builder's)

Project: Izmir Executive Shopping Mall & Apartments (Footing Beam), Strong Ready Mix

Our Ref. No. CL/CED/

1850

Dated:

28-01-21

Your Ref. No.

IZMIR/002

Dated:

22-01-21

## COMPRESSION TEST REPORT

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

Specimens received on:

22-01-21

Tested on:

26-01-21

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	12	1	2021	6Diax12	13.8	28.28	21	1670	Engraved
2	3000 Psi	12	1	2021	6Diax12	13	28.28	21	1670	Engraved
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\*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

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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

524

To: **Mr. Mohammad Aslam (Manager C R & M)**

Dr. Umbreen

**Allied Bank Limited, Engineering Cell, South-II, Multan**

**Project: Construction of Masoom Shah Road Branch, Multan (0505), (Footing / Foundations)**

Our Ref. No. CL/CED/ 1851 Dated: 28-01-21

Your Ref. No. GHQ/S2/CRM/MA/2021/03 Dated: 07-01-21

## COMPRESSION TEST REPORT

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

Specimens received on: 22-01-21 Tested on: 26-01-21 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		29	12	2020	6Diax12	14	28.28	39	3090	Engraved
2		29	12	2020	6Diax12	14.2	28.28	35	2780	Engraved
3		29	12	2020	6Diax12	14	28.28	39	3090	Engraved
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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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University of Engineering and Technology, Lahore  
Phone Nos. 042-99029202, 042-99029217

526

Dr. Umbreen

**To: Dr. Asif Hussain**  
**Plot # 89 Sector Z Phase VII DHA, Lahore**  
**Project: Nil**

Our Ref. No. CL/CED/ 1852 Dated: 28-01-21

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

## COMPRESSION TEST REPORT

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

Specimens received on: 25-01-21 Tested on: 26-01-21 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		29	12	2020	6Diax12	14.2	28.28	29	2300	Non Engraved
2		29	12	2020	6Diax12	13.8	28.28	33	2620	Non Engraved
3		29	12	2020	6Diax12	14	28.28	33	2620	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

528

To: Resident Engineer

Dr. Umbreen

ESS-I-AAR Consultant, Jhang (M/s Al Shan Construction Company Multan)

Project: Rehabilitation / Improvement of Sewerage System Jhang Phase-I (Concrete Well Curb Screening Chamber)

Our Ref. No. CL/CED/ 1853 Dated: 28-01-21

Your Ref. No. 647 Dated: 20-01-21

## COMPRESSION TEST REPORT

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

Specimens received on: 25-01-21 Tested on: 26-01-21 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 )	13	1	2021	6Diax12	14	28.28	57	4520	Non Engraved
2	( 1 : 1.5 : 3 )	13	1	2021	6Diax12	14	28.28	57	4520	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

537

To: Mr. Umar Nisar (Project Engineer)

Engr. Ubaid

Rana Associates, Lahore (Sky High Builder's)

Project: Izmir Executive Shopping Mall & Apartments (3000 Psi), Strong Ready Mix

Our Ref. No. CL/CED/

1854

Dated:

28-01-21

Your Ref. No.

IZMIR/003

Dated:

25-01-21

## COMPRESSION TEST REPORT

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

Specimens received on:

25-01-21

Tested on:

27-01-21

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 1st Pour	8	1	2021	6Diax12	14	28.28	39	3090	Engraved
2	Raft 1st Pour	8	1	2021	6Diax12	14	28.28	39	3090	Engraved
3	Raft 2nd Pour	10	1	2021	6Diax12	14	28.28	54	4280	Engraved
4	Raft 2nd Pour	10	1	2021	6Diax12	14	28.28	47	3730	Engraved
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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

530

To: **Mr. Muhammad Saleem (GM)**

Engr. Ubaid

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

**Project: Construction of Allied Bank Limited Phase 8c Ex Park View Lahore (Mezzanine Floor Slab at Grid A~K/1~7)**

Our Ref. No. CL/CED/

1855

Dated:

28-01-21

Your Ref. No.

PCS/2021/Eng-11

Dated:

25-01-21

## COMPRESSION TEST REPORT

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

Specimens received on: 25-01-21      Tested on: 27-01-21      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)	21	12	2020	6Diax12	13.6	28.28	35	2780	Non Engraved
2	(1 : 2 : 4)	21	12	2020	6Diax12	13.8	28.28	36	2860	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

533

**To: Mr. Muhammad Shahbaz**  
**Imperium Hospitality (Pvt.) Ltd. Lahore**  
**Project: Nil**

Dr. Umbreen

Our Ref. No. CL/CED/ 1856 Dated: 28-01-21

Your Ref. No. IHPL/Con/027 Dated: 19-01-21

## COMPRESSION TEST REPORT

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

Specimens received on: 25-01-21 Tested on: 26-01-21 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	15	1	2021	6Diax12	14	28.28	55	4360	Non Engraved
2	4000 Psi	15	1	2021	6Diax12	14	28.28	53	4200	Non Engraved
3	4000 Psi	15	1	2021	6Diax12	13.4	28.28	53	4200	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

533

Dr. Umbreen

**To: Mr. Muhammad Shahbaz**  
**Imperium Hospitality (Pvt.) Ltd. Lahore**  
**Project: Nil**

Our Ref. No. CL/CED/ 1857 Dated: 28-01-21

Your Ref. No. IHPL/Con/030 Dated: 19-01-21

## COMPRESSION TEST REPORT

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

Specimens received on: 25-01-21 Tested on: 26-01-21 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	27	12	2020	6Diax12	14	28.28	59	4680	Non Engraved
2	4000 Psi	27	12	2020	6Diax12	13.4	28.28	49	3890	Non Engraved
3	4000 Psi	27	12	2020	6Diax12	14	28.28	45	3570	Non Engraved
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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

546  
Engr. Ubaid

**To: Mr. Muhammad Shahbaz**  
**Imperium Hospitality (Pvt.) Ltd. Lahore**  
**Project: Nil**

Our Ref. No. CL/CED/ 1858 Dated: 28-01-21  
Your Ref. No. IHPL/Con/028 Dated: 19-01-21

## COMPRESSION TEST REPORT

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

Specimens received on: 26-01-21 Tested on: 27-01-21 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	17	1	2021	6Diax12	13.4	28.28	31	2460	Non Engraved
2	4000 Psi	17	1	2021	6Diax12	14	28.28	30	2380	Non Engraved
3	4000 Psi	17	1	2021	6Diax12	14	28.28	32	2540	Non Engraved
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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"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

546

Engr. Ubaid

**To: Mr. Muhammad Shahbaz**  
**Imperium Hospitality (Pvt.) Ltd. Lahore**  
**Project: Nil**

Our Ref. No. CL/CED/ 1858 Dated: 28-01-21

Your Ref. No. IHPL/Con/029 Dated: 19-01-21

## COMPRESSION TEST REPORT

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

Specimens received on: 26-01-21 Tested on: 27-01-21 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	28	12	2020	6Diax12	13.2	28.28	62	4920	Non Engraved
2	4000 Psi	28	12	2020	6Diax12	13.4	28.28	68	5390	Non Engraved
3	4000 Psi	28	12	2020	6Diax12	13.8	28.28	61	4840	Non Engraved
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
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

532

**To: Brig. Saeed Ahmed Malik (SI M) (R) (Resident Engineer)**  
**H&TE Div., Nespak (Pvt.) Ltd. Lahore**  
**Project: Metropolitan Corporation Lahore (MCL), Rehabilitation of Furqan Street and Farooq Street**  
**Maqbool Road UC-88 Lahore**

Dr. Umbreen

Our Ref. No. CL/CED/ 1860 Dated: 28-01-21

Your Ref. No. 4084/103/BSAM/104/134 Dated: 02-11-20

## COMPRESSION TEST REPORT

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

Specimens received on: 25-01-21 Tested on: 26-01-21 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		2	11	2020	6x6x6	8.4	36	65	4050	Non Engraved
2		2	11	2020	6x6x6	8.6	36	65	4050	Non Engraved
3		2	11	2020	6x6x6	8.4	36	63	3920	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/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

534

Dr. Umbreen

**To: Syed Salman Liaqat (Resident Engineer Sahiwal)****Nespak (Pvt.) Ltd. Lahore****Project: Construction of Flyover at Jhall Road Railway Crossing to Sahiwal City (L/s Barrier, Lab # 291 and Girder # 76, Lab # 292)**

Our Ref. No. CL/CED/ 1861 Dated: 28-01-21

Your Ref. No. 4116/03/SSL/2021/82 Dated: 19-01-21

## COMPRESSION TEST REPORT

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

Specimens received on: 25-01-21 Tested on: 26-01-21 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		28	12	2020	6x6x6	9	36	98	6100	Non Engraved
2		28	12	2020	6x6x6	9	36	108	6720	Non Engraved
3		28	12	2020	6x6x6	9	36	84	5230	Non Engraved
4		28	12	2020	6x6x6	8.6	36	130	8090	Non Engraved
5		28	12	2020	6x6x6	8.8	36	120	7470	Non Engraved
6		28	12	2020	6x6x6	8.6	36	124	7720	Non Engraved
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6)

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

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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

536

Dr. Umbreen

To: **Sub Divisional Officer**

**Buildings Sub Division No.12, Lahore**

**Project: Establishment of Mother & Child Block in SIR Ganga Ram Hospital, Lahore (A.D.P No. 581/2019-20)  
(Group No. 1), Columns in First Floor (Portion-1)**

Our Ref. No. CL/CED/ 1862 Dated: 28-01-21

Your Ref. No. 37/SDO12th Dated: 19-01-21

## COMPRESSION TEST REPORT

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

Specimens received on: 25-01-21 Tested on: 26-01-21 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 : 2 )	20	11	2020	6x6x6	9.2	36	144	8960	Non Engraved
2	( 1 : 1 : 2 )	20	11	2020	6x6x6	9	36	150	9340	Non Engraved
3	( 1 : 1 : 2 )	20	11	2020	6x6x6	9.4	36	160	9960	Non Engraved
4										
5										
6										
7										
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9										
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6)

\* as engraved on the specimens (if any)

\*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption

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

\*\*\*\* ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients). The test results are recommended to be interpreted in the light of above factors by the engineer.

**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**





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

536

Dr. Umbreen

To: **Sub Divisional Officer**

**Buildings Sub Division No.12, Lahore**

**Project: Establishment of Mother & Child Block in SIR Ganga Ram Hospital, Lahore (A.D.P No. 581/2019-20)  
(Group No. 1), Lift Well of First Floor (Portion-1)**

Our Ref. No. CL/CED/ 1863 Dated: 28-01-21

Your Ref. No. 31/SDO12th Dated: 14-01-21

## COMPRESSION TEST REPORT

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

Specimens received on: 25-01-21 Tested on: 26-01-21 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 )	12	11	2020	6x6x6	9.4	36	94	5850	Non Engraved
2	( 1 : 1.5 : 3 )	12	11	2020	6x6x6	9	36	116	7220	Non Engraved
3	( 1 : 1.5 : 3 )	12	11	2020	6x6x6	9	36	114	7100	Non Engraved
4										
5										
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12										
13										
14										
15										
16										

Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6)

\* as engraved on the specimens (if any)

\*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption

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

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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

536

Dr. Umbreen

To: Sub Divisional Officer

Buildings Sub Division No.12, Lahore

Project: Establishment of Mother & Child Block in SIR Ganga Ram Hospital, Lahore (A.D.P No. 581/2019-20)  
(Group No. 1), Lift Well of First Floor (Portion-2)

Our Ref. No. CL/CED/

1864

Dated:

28-01-21

Your Ref. No.

48/SDO12th

Dated:

21-01-21

## COMPRESSION TEST REPORT

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

Specimens received on:

25-01-21

Tested on:

26-01-21

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 )	30	11	2020	6x6x6	9.2	36	140	8720	Non Engraved
2	( 1 : 1.5 : 3 )	30	11	2020	6x6x6	9	36	126	7840	Non Engraved
3	( 1 : 1.5 : 3 )	30	11	2020	6x6x6	9	36	112	6970	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/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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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

536

Dr. Umbreen

To: Sub Divisional Officer

Buildings Sub Division No.12, Lahore

Project: Establishment of Mother & Child Block in SIR Ganga Ram Hospital, Lahore (A.D.P No. 581/2019-20)  
(Group No. 1), Columns in First Floor (Portion-2)

Our Ref. No. CL/CED/

1865

Dated:

28-01-21

Your Ref. No.

52/SDO12th

Dated:

23-01-21

## COMPRESSION TEST REPORT

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

Specimens received on: 25-01-21 Tested on: 26-01-21 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	( 1 : 1 : 2 )	9	12	2020	6x6x6	9	36	104	6480	Non Engraved
2	( 1 : 1 : 2 )	9	12	2020	6x6x6	9	36	94	5850	Non Engraved
3	( 1 : 1 : 2 )	9	12	2020	6x6x6	9.2	36	139	8650	Non Engraved
4										
5										
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7										
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9										
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12										
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14										
15										
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

548

Engr. Ubaid

**To: Sub Divisional Officer**  
**SSTH Multan Road Lahore**  
**Project: Construction of 3rd Floor at Raic Multan Road Lahore**

Our Ref. No. CL/CED/ 1866 Dated: 28-01-21

Your Ref. No. SS.DC/910 Dated: 25-01-21

## COMPRESSION TEST REPORT

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

Specimens received on: 26-01-21 Tested on: 27-01-21 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	Column	11	1	2021	6x6x6	8.2	36	70	4360	Non Engraved
2	Column	11	1	2021	6x6x6	8.2	36	57	3550	Non Engraved
3	Column	11	1	2021	6x6x6	8.2	36	61	3800	Non Engraved
4										
5										
6										
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8										
9										
10										
11										
12										
13										
14										
15										
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

538

Engr. Ubaid

To: Assistant Executive Engineer

KBCMA, CVAS, Narowal (M/s Pak Shahid Developer)

Project: Construction of Training/Research Dairy Unit, Training / Research Poultry Unit, Post Mortem Building, Surgery Unit, Theriogenology Unit, Medicine Unit at CVAS Narowal

Our Ref. No. CL/CED/

1867

Dated:

28-01-21

Your Ref. No.

AEE/NC/35

Dated:

23-01-21

## COMPRESSION TEST REPORT

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

Specimens received on:

26-01-21

Tested on:

27-01-21

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	11	12	2020	6x6x6	9	36	83	5170	Non Engraved
2	Roof Slab	11	12	2020	6x6x6	8.6	36	55	3430	Non Engraved
3										
4										
5										
6										
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8										
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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)

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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

541

Engr. Ubaid

**To: Mr. M. Shahbaz Iqbal**  
**BPS (Pvt.) Ltd. Lahore**  
**Project: Alpha Homes (Apartments), Grid E/38-31**

Our Ref. No. CL/CED/ 1868 Dated: 28-01-21

Your Ref. No. Nil Dated: 26-01-21

## COMPRESSION TEST REPORT

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

Specimens received on: 26-01-21 Tested on: 27-01-21 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		23	12	2020	6Diax12	13	28.28	47	3730	Non Engraved
2		23	12	2020	6Diax12	13.2	28.28	49	3890	Non Engraved
3										
4										
5										
6										
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11										
12										
13										
14										
15										
16										

Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6)

\* as engraved on the specimens (if any)

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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

541  
Engr. Ubaid

**To: Mr. M. Shahbaz Iqbal**  
**BPS (Pvt.) Ltd. Lahore**  
**Project: Alpha Homes (Apartments), Grad (A) 30-32, Grad (A) 30-37, Grad (A) 30-35**

Our Ref. No. CL/CED/ 1869 Dated: 28-01-21  
Your Ref. No. Nil Dated: 26-01-21

## COMPRESSION TEST REPORT

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

Specimens received on: 26-01-21 Tested on: 27-01-21 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	1	2021	6Diax12	14.2	28.28	55	4360	Non Engraved
2		9	1	2021	6Diax12	14.4	28.28	65	5150	Non Engraved
3		9	1	201	6Diax12	13.6	28.28	57	4520	Non Engraved
4										
5										
6										
7										
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9										
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11										
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14										
15										
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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

541  
Engr. Ubaid

**To: Mr. M. Shahbaz Iqbal**  
**BPS (Pvt.) Ltd. Lahore**  
**Project: Alpha Homes (Apartments), Col B-C / 32-35**

Our Ref. No. CL/CED/ 1870 Dated: 28-01-21

Your Ref. No. Nil Dated: 26-01-21

## COMPRESSION TEST REPORT

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

Specimens received on: 26-01-21 Tested on: 27-01-21 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		11	1	2021	6Diax12	13.6	28.28	62	4920	Non Engraved
2		11	1	2021	6Diax12	13.6	28.28	63	4990	Non Engraved
3		11	1	201	6Diax12	13.2	28.28	55	4360	Non Engraved
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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" 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

541  
Engr. Ubaid

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

Our Ref. No. CL/CED/ 1871 Dated: 28-01-21  
Your Ref. No. Nil Dated: 26-01-21

## COMPRESSION TEST REPORT

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

Specimens received on: 26-01-21 Tested on: 27-01-21 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		12	1	2021	6Diax12	13.4	28.28	61	4840	Non Engraved
2		12	1	2021	6Diax12	14	28.28	54	4280	Non Engraved
3		12	1	201	6Diax12	14.2	28.28	63	4990	Non Engraved
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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"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

541  
Engr. Ubaid

**To: Mr. M. Shahbaz Iqbal**  
**BPS (Pvt.) Ltd. Lahore**  
**Project: Alpha Homes (Apartments), Grid Shear Wall 34/C-D**

Our Ref. No. CL/CED/ 1872 Dated: 28-01-21  
Your Ref. No. Nil Dated: 26-01-21

## COMPRESSION TEST REPORT

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

Specimens received on: 26-01-21 Tested on: 27-01-21 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		19	1	2021	6Diax12	14	28.28	57	4520	Non Engraved
2		19	1	2021	6Diax12	13.8	28.28	49	3890	Non Engraved
3		19	1	201	6Diax12	14	28.28	57	4520	Non Engraved
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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

541  
Engr. Ubaid

**To: Mr. M. Shahbaz Iqbal**  
**BPS (Pvt.) Ltd. Lahore**  
**Project: Alpha Homes (Apartments), Ramp Wall 44 / B-C**

Our Ref. No. CL/CED/ 1873 Dated: 28-01-21  
Your Ref. No. Nil Dated: 26-01-21

## COMPRESSION TEST REPORT

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

Specimens received on: 26-01-21 Tested on: 27-01-21 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		16	1	2021	6Diax12	14	28.28	98	7770	Non Engraved
2		16	1	2021	6Diax12	15	28.28	90	7130	Non Engraved
3		16	1	201	6Diax12	14.4	28.28	95	7530	Non Engraved
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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"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**