



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

1518

Dr.Umbreen

**To: Mr. Haris Ali**  
**House No. 1079 Street Mo 7 Model Town Islamabad.**  
**Project: Nil**

Our Ref. No. CL/CED/ 4490-2 of 2 Dated: 05-08-21

Your Ref. No. Nil Dated: 05-07-21

## COMPRESSION TEST REPORT

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

Specimens received on: 05-07-21 Tested on: 02-08-21 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	86		8.9x4.3x2.8	3170	38.27	69	4040	
2	86		9.0x4.3x2.9	3198	38.7	35	2030	
3	86		8.8x4.2x2.9	3090	36.96	31	1880	
4	86		8.9x4.3x2.8	3182	38.27	45	2640	
5	86		8.8x4.3x2.8	3089	37.84	55	3260	
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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

1645  
Engr. Ubaid

To: **Engr. Asif Raza (Resident Engineer)**  
**M/s Allied Engineering Consultants (Pvt.) Ltd. Lahore.**  
**Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore (Group-1)**

Our Ref. No. CL/CED/ 4491 Dated: 05-08-21

Your Ref. No. AEC/MBC/2021/88 Dated: 29-07-21

## COMPRESSION TEST REPORT

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

Specimens received on: 02-08-21 Tested on: 04-08-21 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	Roof Slab 5th Floor (1:2:4)	13	6	2021	6x6x6	8.8	36			
2	Roof Slab 5th Floor (1:2:4)	13	6	2021	6x6x6	8.8	36			
3	Roof Slab 5th Floor (1:2:4)	13	6	2021	6x6x6	8.6	36			
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Phone Nos. 042-99029202, 042-99029217

1645

To: **Engr. Asif Raza (Resident Engineer)**

Engr. Ubaid

**M/s Allied Engineering Consultants (Pvt.) Ltd. Lahore.**

**Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore (Group-1)**

Our Ref. No. CL/CED/ 4492 Dated: 05-08-21

Your Ref. No. AEC/MBC/2021/86 Dated: 29-04-21

## COMPRESSION TEST REPORT

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

Specimens received on: 02-08-21 Tested on: 04-08-21 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	Lift Well 7th Floor(1:1.5:3)	21	6	2021	6x6x6	8.8	36	102	6350	Non Engraved
2	Lift Well 7th Floor(1:1.5:3)	21	6	2021	6x6x6	8.8	36	95	5920	Non Engraved
3	Lift Well 7th Floor(1:1.5:3)	21	6	2021	6x6x6	8.8	36	98	6100	Non Engraved
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**M/s Allied Engineering Consultants (Pvt.) Ltd. Lahore.**

**Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore (Group-1)**

Our Ref. No. CL/CED/ 4493 Dated: 05-08-21

Your Ref. No. AEC/MBC/2021/85 Dated: 29-04-21

## COMPRESSION TEST REPORT

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

Specimens received on: 02-08-21 Tested on: 04-08-21 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	Lift Well 6th Floor(1:1.5:3)	29	6	2021	6x6x6	9	36	114	7100	Non Engraved
2	Lift Well 6th Floor(1:1.5:3)	29	6	2021	6x6x6	8.8	36	92	5730	Non Engraved
3	Lift Well 6th Floor(1:1.5:3)	29	6	2021	6x6x6	8.8	36	107	6660	Non Engraved
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**M/s Allied Engineering Consultants (Pvt.) Ltd. Lahore.**

**Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore (Group-1)**

Our Ref. No. CL/CED/ 4494 Dated: 05-08-21

Your Ref. No. AEC/MBC/2021/90 Dated: 29-04-21

## COMPRESSION TEST REPORT

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

Specimens received on: 02-08-21 Tested on: 04-08-21 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	Roof Slab 7th Floor (1:2:4)	26	6	2021	6x6x6	8.8	36	59	3680	Non Engraved
2	Roof Slab 7th Floor (1:2:4)	26	6	2021	6x6x6	8.8	36	89	5540	Non Engraved
3	Roof Slab 7th Floor (1:2:4)	26	6	2021	6x6x6	8.6	36	73	4550	Non Engraved
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To: **Engr. Asif Raza (Resident Engineer)**

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**M/s Allied Engineering Consultants (Pvt.) Ltd. Lahore.**

**Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore (Group-1)**

Our Ref. No. CL/CED/ 4495 Dated: 05-08-21

Your Ref. No. AEC/MBC/2021/87 Dated: 29-04-21

## COMPRESSION TEST REPORT

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

Specimens received on: 02-08-21 Tested on: 04-08-21 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	Lift Well 7th Floor (1:1.5:3)	17	6	2021	6x6x6	8.8	36	107	6660	Non Engraved
2	Lift Well 7th Floor (1:1.5:3)	17	6	2021	6x6x6	9	36	117	7280	Non Engraved
3	Lift Well 7th Floor (1:1.5:3)	17	6	2021	6x6x6	8.8	36	98	6100	Non Engraved
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M/s Allied Engineering Consultants (Pvt.) Ltd. Lahore.

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore (Group-1)

Our Ref. No. CL/CED/ 4496 Dated: 05-08-21

Your Ref. No. AEC/MBC/2021/84 Dated: 29-04-21

## COMPRESSION TEST REPORT

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

Specimens received on: 02-08-21 Tested on: 04-08-21 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	Columns 7th Floor (1:1.5:3)	16	6	2021	6x6x6	9.2	36	111	6910	Non Engraved
2	Columns 7th Floor (1:1.5:3)	16	6	2021	6x6x6	9.4	36	92	5730	Non Engraved
3	Columns 7th Floor (1:1.5:3)	16	6	2021	6x6x6	9	36	117	7280	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

1645

To: **Engr. Asif Raza (Resident Engineer)**

Engr. Ubaid

**M/s Allied Engineering Consultants (Pvt.) Ltd. Lahore.**

**Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore (Group-1)**

Our Ref. No. CL/CED/ 4497 Dated: 05-08-21

Your Ref. No. AEC/MBC/2021/83 Dated: 29-04-21

## COMPRESSION TEST REPORT

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

Specimens received on: 02-08-21 Tested on: 04-08-21 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	Columns 7th Floor (1:1.5:3)	15	6	2021	6x6x6	8.8	36	106	6600	Non Engraved
2	Columns 7th Floor (1:1.5:3)	15	6	2021	6x6x6	9	36	98	6100	Non Engraved
3	Columns 7th Floor (1:1.5:3)	15	6	2021	6x6x6	8.8	36	98	6100	Non Engraved
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**Department of Civil Engineering**  
University of Engineering and Technology, Lahore  
Phone Nos. 042-99029202, 042-99029217

1645  
Engr. Ubaid

**To: Engr. Asif Raza (Resident Engineer)**  
**M/s Allied Engineering Consultants (Pvt.) Ltd. Lahore.**  
**Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore (Group-1)**

Our Ref. No. CL/CED/ 4498 Dated: 05-08-21

Your Ref. No. AEC/MBC/2021/91 Dated: 29-04-21

## COMPRESSION TEST REPORT

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

Specimens received on: 02-08-21 Tested on: 04-08-21 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	Roof Slab 7th Floor (1:2:4)	22	6	2021	6x6x6	8.4	36	76	4730	Non Engraved
2	Roof Slab 7th Floor (1:2:4)	22	6	2021	6x6x6	8.6	36	79	4920	Non Engraved
3	Roof Slab 7th Floor (1:2:4)	22	6	2021	6x6x6	8.6	36	74	4610	Non Engraved
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1645  
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**To: Engr. Asif Raza (Resident Engineer)**  
**M/s Allied Engineering Consultants (Pvt.) Ltd. Lahore.**  
**Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore (Group-1)**

Our Ref. No. CL/CED/ 4499 Dated: 05-08-21

Your Ref. No. AEC/MBC/2021/89 Dated: 29-04-21

## COMPRESSION TEST REPORT

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

Specimens received on: 02-08-21 Tested on: 04-08-21 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
		1	6	2021						
1	Roof Slab 6th Floor (1:2:4)	1	6	2021	6x6x6	8.8	36	65	4050	Non Engraved
2	Roof Slab 6th Floor (1:2:4)	1	6	2021	6x6x6	8.6	36	59	3680	Non Engraved
3	Roof Slab 6th Floor (1:2:4)	1	6	2021	6x6x6	8.4	36	77	4800	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

1641

To: Brig. Saeed Ahmed Malik (Resident Engineer)

Engr. Ubaid

M/s NESPAK (Pvt.) td. Lahore.

Project: Rehabilitation of Nallah & PCC Water Supply at Sadhoki and Shaday Wall Mansha NA-135 Allama Iqbal Zone Lahore

Our Ref. No. CL/CED/ 4500 Dated: 05-08-21

Your Ref. No. AEC/MBC/2021/89 Dated: 29-04-21

## COMPRESSION TEST REPORT

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

Specimens received on: 02-08-21 Tested on: 04-08-21 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		3	7	2021	6x6x6	8.2	36	79	4920	Non Engraved
2		3	7	2021	6x6x6	8.2	36	59	3680	Non Engraved
3		3	7	2021	6x6x6	8	36	81	5040	Non Engraved
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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

1662  
Engr. Ubaid

To: **Mr. Furhan Shahid Buttar (Deputy Director Es Civil)**  
**CAA, AllAP, Lahore.**

**Project: Rehabilitation / Rectification Works For PSO Refuelling PITS at APRON, AllP, Lahore.**

Our Ref. No. CL/CED/ 4500 Dated: 05-08-21

Your Ref. No. ALLAP/1656-01/102/LAV/II Dated: 03-08-21

## COMPRESSION TEST REPORT

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

Specimens received on: 03-08-21 Tested on: 04-08-21 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	14 B	16	4	2021	6x6x6	9	36	125	7780	Engraved
2	14 B	16	4	2021	6x6x6	9	36	114	7100	Engraved
3	14 B	16	4	2021	6x6x6	9	36	137	8530	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/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

1685  
Dr. Umbreen

**To: Mr. M. Shahbaz**  
**M/s Imperium Hospitality (Pvt.) Ltd. Lahore.**  
**Project: Nil**

Our Ref. No. CL/CED/ 4502 Dated: 05-08-21  
Your Ref. No. IHPL/Con/329 Dated: 12-07-21

## COMPRESSION TEST REPORT

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

Specimens received on: 05-08-21 Tested on: 05-08-21 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	4(8000) Psi	23	5	2021	6Diax12	14	28.28	77	6100	Non Engraved
2	5(8000) Psi	23	5	2021	6Diax12	13.8	28.28	94	7450	Non Engraved
3	6(8000) Psi	23	5	2021	6Diax12	14.4	28.28	73	5790	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)

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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

1685  
Dr. Umbreen

**To: Mr. M. Shahbaz**  
**M/s Imperium Hospitality (Pvt.) Ltd. Lahore.**  
**Project: Nil**

Our Ref. No. CL/CED/ 4503 Dated: 05-08-21  
Your Ref. No. IHPL/Con/328 Dated: 12-07-21

## COMPRESSION TEST REPORT

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

Specimens received on: 05-08-21 Tested on: 05-08-21 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	4(8000) Psi	20	5	2021	6Diax12	14	28.28	81	6420	Non Engraved
2	5(8000) Psi	20	5	2021	6Diax12	14	28.28	83	6580	Non Engraved
3	6(8000) Psi	20	5	2021	6Diax12	14	28.28	81	6420	Non Engraved
4										
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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)

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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**