



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

661

To: Mr. Safdar Hussain (Resident Engineer)

Dr.Ambreen

ACE, Danish School, Mankera Residency, Districk Bhakkar.

Project: Eastablishment of Danish School (Boys & Girls) at Mankera District Bhakkar. (M/s A.H. Construction - Package-1)

Our Ref. No. CL/CED/ 2485 Dated: 16-03-21

Your Ref. No. RE-PDS/MNK/BHK/21/378,388 Dated: 12-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-02-21 Tested on: 16-02-21 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	RCC Column (1:1.5:3)	4	1	2021	6DiaxX12	13.4	28.28	59	4680	Non Engraved
2	RCC Column (1:1.5:3)	4	1	2021	6DiaxX12	14	28.28	63	4990	Non Engraved
3	RCC Column (1:1.5:3)	4	1	2021	6DiaxX12	13.4	28.28	59	4680	Non Engraved
4	RCC Plinth Beam (1:2:4)	1	1	2021	6DiaxX12	13.2	28.28	49	3890	Engraved
5	RCC Plinth Beam (1:2:4)	1	1	2021	6DiaxX12	13.2	28.28	51	4040	Engraved
6	RCC Plinth Beam (1:2:4)	1	1	2021	6DiaxX12	13.6	28.28	47	3730	Engraved
7										
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14										
15										
16										

Results can also be seen on website 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

871

To: Sub Divisional Officer

Dr. M. Yousaf

Maintenance Sub Division No. III GOR- Lahore.

Project: Construction of Multistory Flats / Suites for Officers of P&D S & GAD in GOR -III, Shadman Lahore

Our Ref. No. CL/CED/

2495

Dated:

16/03/2021

Your Ref. No.

No. 98

Dated:

03-10-21

COMPRESSION TEST REPORT

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

Specimens received on:

03-11-21

Tested on:

03-12-21

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	(1:1-1/2:3)	10	2	2021	6x6x6	8.6	36	97	6040	Non Engraved
2	(1:1-1/2:3)	10	2	2021	6x6x6	8.4	36	90	5600	Non Engraved
3	(1:1-1/2:3)	10	2	2021	6x6x6	8.8	36	97	6040	Non Engraved
4										
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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

870

To: **Sub Divisional Officer**

Dr. M. Yousaf

Maintenance Sub Division No.2 GOR-III Lahore.

Project: Construction of Multistory Flats / Suites for Officers of P&D S & GAD in GOR -III, Shadman Lahore.

Our Ref. No. CL/CED/ 2496 Dated: 16/03/2021

Your Ref. No. No. 447. sd/ GOR-III , Lhr Dated: 27/2/2021

COMPRESSION TEST REPORT

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

Specimens received on: 11-03-21 Tested on: 03-12-21 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	(1:1-1/2:3)	30	1	2021	6x6x6	8.6	36	105	6540	Engraved
2	(1:1-1/2:3)	30	1	2021	6x6x6	8.4	36	98	6100	Engraved
3	(1:1-1/2:3)	30	1	2021	6x6x6	8.8	36	106	6600	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

869

To: Engr. Muhammad Salman (Assistant Resident Engineer)

Dr. M. Yousaf

M/s AR Engineers (M/s CBS)

Project: Construction of Jewel-1 Apartment Plaza at Gulberg - 3, Lahore.

Our Ref. No. CL/CED/ 2497-1 of 2 Dated: 16/03/2021

Your Ref. No. DOC#ARST-0010 Dated: 03-11-21

COMPRESSION TEST REPORT

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

Specimens received on: 11-03-21 Tested on: 03-12-21 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	Line A/11 No.1	12	2	2021	6x6x6	8.8	36	63	3920	Non Engraved
2	Line A/11 No.2	12	2	2021	6x6x6	8.4	36	58	3610	Non Engraved
3	Line A/11 No.3	12	2	2021	6x6x6	8.6	36	59	3680	Non Engraved
4	Line A/11 No.4	12	2	2021	6x6x6	8.2	36	60	3740	Non Engraved
5										
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14										
15										
16										

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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

869

To: Engr. Muhammad Salman (Assistant Resident Engineer)

Dr. Mazar

M/s AR Engineers (M/s CBS)

Project: Construction of Jewel-1 Apartment Plaza at Gulberg - 3, Lahore.

Our Ref. No. CL/CED/ 2497-2 of 2 Dated: 19-03-21

Your Ref. No. DOC#ARST-0010 Dated: 11-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 11-03-21 Tested on: 18-03-21 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	No.1	12	2	2021	6Diax12	14.4	28.28	57	4520	Non Engraved
2	No.2	12	2	2021	6Diax12	14.4	28.28	45	3570	Non Engraved
3	No.3	12	2	2021	6Diax12	15	28.28	41	3250	Non Engraved
4	No.4	12	2	2021	6Diax12	15	28.28	43	3410	Non Engraved
5	No.5	12	2	2021	6Diax12	14.8	28.28	43	3410	Non Engraved
6										
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15										
16										

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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

866

To: Mr.M. Nadeem Zafar Ullah (Incharge, Civil) For Managing Director

Dr. M. Yousaf

SUI NORTHERN GAS PIPELINES LIMITED

Subject: Providing & Laying of Sewer Line from Main Sump at Distribution Office to Disposal Well at Transmission Colony Faisalabad & Providing & Laying of Tuff Pavers at Regional Distribution Office Faisalabad

Our Ref. No. CL/CED/ 2498 Dated: 16/03/2021

Your Ref. No. CC/Sewer/Tuff Pavers/ FSD Dated: 03-11-21

COMPRESSION TEST REPORT

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

Specimens received on: 11-03-21 Tested on: 03-12-21 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	Rectangular Grey		7.8x3.8x3.1	3741	29.64	112	8470	
2	Rectangular Grey		7.8x3.8x3.1	3730	29.64	112	8470	
3	Rectangular Grey		7.8x3.8x3.1	3745	29.64	114	8620	
4	Rectangular Grey		7.8x3.8x3.1	3627	29.64	110	8320	
5	Rectangular Grey		7.8x3.8x3.1	3708	29.64	116	8770	
6	Rectangular Grey		7.8x3.8x3.1	3660	29.64	120	9070	
7	Rectangular Grey		7.8x3.8x3.1	3719	29.64	108	8170	
8	Rectangular Grey		7.8x3.8x3.1	3763	29.64	110	8320	
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Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

865

To: Mr. Khalid Ahmad (Project Manager)

Dr. M. Yousaf

SA Garden Kala Shah kaku.

Subject: Nil

Our Ref. No. CL/CED/ 2499-1 of 2 Dated: 16/03/2021

Your Ref. No. SA/PM/Dev/ 211 Dated: 03-08-21

COMPRESSION TEST REPORT

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

Specimens received on: 11-03-21 Tested on: 03-12-21 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	2	2021						
1	Amphitheater	1	2	2021	6x6x6	8.2	36	82	5110	Non Engraved
2	Amphitheater	1	2	2021	6x6x6	8.2	36	67	4170	Non Engraved
3	Amphitheater	1	2	2021	6x6x6	8.4	36	63	3920	Non Engraved
4	Amphitheater	4	2	2021	6x6x6	8.8	36	86	5360	Non Engraved
5	Amphitheater	4	2	2021	6x6x6	8.8	36	81	5040	Non Engraved
6	Amphitheater	4	2	2021	6x6x6	8.8	36	108	6720	Non Engraved
7	Amphitheater	7	2	2021	6x6x6	8.6	36	100	6230	Non Engraved
8	Amphitheater	7	2	2021	6x6x6	8.6	36	100	6230	Non Engraved
9	Amphitheater	7	2	2021	6x6x6	8.4	36	80	4980	Non Engraved
10	Amphitheater (Slope Footing)	11	2	2021	6x6x6	8.4	36	79	4920	Non Engraved
11	Amphitheater (Slope Footing)	11	2	2021	6x6x6	8.1	36	45	2800	Non Engraved
12	Amphitheater (Slope Footing)	11	2	2021	6x6x6	8	36	72	4480	Non Engraved
13	Amphitheater (Column Footing)	11	2	2021	6x6x6	8.4	36	52	3240	Non Engraved
14	Amphitheater (Column Footing)	11	2	2021	6x6x6	8.2	36	79	4920	Non Engraved
15	Amphitheater (Column Footing)	11	2	2021	6x6x6	8.2	36	58	3610	Non Engraved
16										

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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

865

To: Mr. Khalid Ahmad (Project Manager)

Dr. M. Yousaf

SA Garden Kala Shah kaku.

Subject: Nil

Our Ref. No. CL/CED/ 2499-2 of 2 Dated: 16/03/2021

Your Ref. No. SA/PM/Dev/ 211 Dated: 03-08-21

COMPRESSION TEST REPORT

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

Specimens received on: 11-03-21 Tested on: 03-12-21 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	Marquee	14	2	2021	6x6x6	8.6	36	98	6100	Non Engraved
2	Marquee	14	2	2021	6x6x6	8.6	36	73	4550	Non Engraved
3	Marquee	14	2	2021	6x6x6	8.6	36	112	6970	Non Engraved
4	Amphitheater	14	2	2021	6x6x6	8.6	36	76	4730	Non Engraved
5	Amphitheater	14	2	2021	6x6x6	8.8	36	104	6480	Non Engraved
6	Amphitheater	14	2	2021	6x6x6	8.8	36	98	6100	Non Engraved
7										
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10										
11										
12										
13										
14										
15										
16										

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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

To: Mr. Ammar Haider Shah (Project Manager)
Minhaj University Lahore.
Subject: Minhaj University Lahore

876
Dr. Mazar

Our Ref. No. CL/CED/ 2500 Dated: 16/03/2021
Your Ref. No. MUL/HB/005 Dated: 03-12-21

COMPRESSION TEST REPORT

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

Specimens received on: 12-03-21 Tested on: 15/3/2021 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	RCC Roof Slab F.F	3	2	2021	6Diax12	13.4	28.28	73	5790	Non Engraved
2	RCC Roof Slab F.F	3	2	2021	6Diax12	13.6	28.28	67	5310	Non Engraved
3	RCC Roof Slab 2nd .F	11	2	2021	6Diax12	13	28.28	67	5310	Non Engraved
4	RCC Roof Slab 2nd .F	11	2	2021	6Diax12	13.4	28.28	69	5470	Non Engraved
5										
6										
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16										

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

873

Dr. Mazar

To: **Project Management**

Q-Link Property Management (Pvt.) Ltd.

Subject: Construction of Orchard Mall, BH-3 & Jasmine Grand Mall, Bahria Town, Lahore.

Our Ref. No. CL/CED/ 2501 Dated: 16/03/2021

Your Ref. No. QLC-BO-2021-011 Dated: 03-11-21

COMPRESSION TEST REPORT

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

Specimens received on: 12-03-21 Tested on: 15/3/2021 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
1	Slab (3000) Psi	10	2	2021	6Diax12	13.2	28.28	41	3250	Non Engraved
2	Slab (3000) Psi	10	2	2021	6Diax12	13.4	28.28	37	2940	Non Engraved
3	Ground Floor Column(3750)	4	3	2021	6Diax12	13.6	28.28	39	3090	Non Engraved
4	Basement Slab(3000)	9	2	2021	6Diax12	13.4	28.28	41	3250	Non Engraved
5	Basement Slab(3000)	9	2	2021	6Diax12	14	28.28	39	3090	Non Engraved
6	Basement Capsule Lift (3000)	4	3	2021	6Diax12	14	28.28	31	2460	Non Engraved
7	Basement Capsule Lift (3000)	4	3	2021	6Diax12	13.4	28.28	29	2300	Non Engraved
8										
9										
10										
11										
12										
13										
14										
15										
16										

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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

838

To: Sub Divisional Officer
SSTH Multan road Lahore.

Dr, Ambreen

Subject: Construction of 3rd Floor at PESSI Hospital RAIC Multan Road Lahore.

Our Ref. No. CL/CED/ 2502 Dated: 17-03-21

Your Ref. No. SS.DC. 952. Dated: 09-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 08-03-21 Tested on: 11-03-21 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	Slab	22	2	2021	6x6x6	8	36	65	4050	Non Engraved
2	Slab	22	2	2021	6x6x6	8.6	36	59	3680	Non Engraved
3	Slab	22	2	2021	6x6x6	8.6	36	67	4170	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

* 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

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Dr. Mazar

To: Mr.M.Shahbaz
Imperium Hospitality (Pvt.) Ltd. Lahore.
Subject: Nil

Our Ref. No. CL/CED/ 2503 Dated: 17-03-21

Your Ref. No. IHPL/Con/110 Dated: 02-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 05-03-21 Tested on: 08-03-21 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	(8000) Psi	5	2	2021	6Diax12	14	28.28	142	11250	Non Engraved
2	(8000) Psi	5	2	2021	6Diax12	13.8	28.28	124	9830	Non Engraved
3	(8000) Psi	5	2	2021	6Diax12	13.6	28.28	124	9830	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/departement?RID=testing_reports&id=6

* as engraved on the specimens (if any)

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

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

**** ACI318-08 requires mean of two sample (6" 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