



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

1545

To: Brig. Saeed Ahmed Malik (Resident Engineer)

Dr. Umbreen

M/s NESPAK (Pvt.) Lahore. (Highways and Transportation Engineering Division)

Project: Construction PCC Street B-Block Main Fayyaz Colony Garh and Chowk Ashiqabad Umaer Street
Gali No. 3 Shah Kamal Ichra Lahore.

Our Ref. No. CL/CED/ 4400 Dated: 27-07-21

Your Ref. No. 4084/BSAM/104/01/456 Dated: 22-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 08-07-21 Tested on: 27-07-21 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	MS		8.9x4.4x3.1	3465	39.16	69	3950	
2	MS		8.9x4.5x3.0	3458	40.05	77	4310	
3	MS		9.0x4.5x3.2	3518	40.5	59	3270	
4	MS		8.8x4.3x3.1	3478	37.84	71	4210	
5	MS		8.8x4.3x3.0	3462	37.84	53	3140	
6	MS		8.9x4.4x3.1	3482	39.16	47	2690	
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" 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

1611

To: **Mr. Haris Ali**
H. No.1079 St. No. 7 Mohala Model Town, Islamabad.
Project: Raya Villa 118 DRGCC Lahore.

Dr. Umbreen

Our Ref. No. CL/CED/ 4401 Dated: 27-07-21

Your Ref. No. Nil Dated: 26-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 26-07-21 Tested on: 27-07-21 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	6	2021		13.2	28.28	37	2940	Engraved
2	(4000) Psi	27	6	2021		13.2	28.28	35	2780	Engraved
3	(4000) Psi	29	6	2021		13.2	28.28	33	2620	Engraved
4	(3000) Psi	23	6	2021		13.2	28.28	39	3090	Engraved
5	(3000) Psi	1	7	2021		13.2	28.28	25	1980	Engraved
6										
7										
8										
9										
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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

1599

To: Mr. Rashid kamran (Resident Engineer)

Dr. Umbreen

M/s NESPAK (Pvt.) Ltd. Lahore. (Construction Managment Division)

Project: Rehabilitation & Improvement of Streets and Drainage in UC231, 242 Shama Colony

Our Ref. No. CL/CED/ 4402 Dated: 27-07-21

Your Ref. No. 4047-R3/13/RK/0156 Dated: 23-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 16-07-21 Tested on: 27-07-21 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		3	6	2021	6Diax12	12	28.28	43	3410	Non Engraved
2		3	6	2021	6Diax12	12.8	28.28	37	2940	Non Engraved
3		3	6	2021	6Diax12	12	28.28	25	1980	Non Engraved
4		3	6	2021	6Diax12	12.4	28.28	39	3090	Non Engraved
5		3	6	2021	6Diax12	12.4	28.28	35	2780	Non Engraved
6		3	6	2021	6Diax12	13	28.28	31	2460	Non Engraved
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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

1599

To: Mr. Rashid kamran (Resident Engineer)

Dr. Umbreen

M/s NESPAK (Pvt.) Ltd. Lahore. (Construction Managment Division)

Project: Rehabilitation & Improvement of Streets and Drainage in UC231, 242 Shama Colony

Our Ref. No. CL/CED/ 4403 Dated: 27-07-21

Your Ref. No. 4047-R3/13/RK/0155 Dated: 23-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 16-07-21 Tested on: 27-07-21 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	6	2021	6Diax12	12.4	28.28	35	2780	Non Engraved
2		2	6	2021	6Diax12	12.4	28.28	27	2140	Non Engraved
3		2	6	2021	6Diax12	12.6	28.28	35	2780	Non Engraved
4		2	6	2021	6Diax12	13	28.28	23	1830	Non Engraved
5		2	6	2021	6Diax12	12.4	28.28	29	2300	Non Engraved
6		2	6	2021	6Diax12	13	28.28	45	3570	Non Engraved
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8										
9										
10										
11										
12										
13										
14										
15										
16										

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To: Mr. Rashid kamran (Resident Engineer)

Dr. Umbreen

M/s NESPAK (Pvt.) Ltd. Lahore. (Construction Managment Division)

Project: Rehabilitation & Improvement of Streets and Drainage in UC231, 242 Shama Colony

Our Ref. No. CL/CED/ 4404 Dated: 27-07-21

Your Ref. No. 4047-R3/13/RK/0109 Dated: 23-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 16-07-21 Tested on: 27-07-21 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	6	2021	6Diax12	12.4	28.28	37	2940	Non Engraved
2		1	6	2021	6Diax12	12.8	28.28	35	2780	Non Engraved
3		1	6	2021	6Diax12	12	28.28	27	2140	Non Engraved
4		1	6	2021	6Diax12	12.2	28.28	27	2140	Non Engraved
5		1	6	2021	6Diax12	13	28.28	35	2780	Non Engraved
6		1	6	2021	6Diax12	12	28.28	19	1510	Non Engraved
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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Plain and Reinforced Concrete Laboratory
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Phone Nos. 042-99029202, 042-99029217

1604

Dr. Umbreen

To: Mr. Maqsood Ahmad (Project Coordinator)
M/s Banu Mukhtar (Pvt.) Ltd. Lahore
Project: Ultra Kraft (Pvt.) Ltd M3 Industrial Estate Faisalabad

Our Ref. No. CL/CED/ 4405 Dated: 28-07-21

Your Ref. No. BML/300841/015 Dated: 19-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 19-07-21 Tested on: 27-07-21 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	18	6	2021	6Diax12	14	28.28	63	4990	Non Engraved
2	(3000) Psi	18	6	2021	6Diax12	15.2	28.28	98	7770	Non Engraved
3	(3000) Psi	18	6	2021	6Diax12	14.2	28.28	47	3730	Non Engraved
4										
5										
6										
7										
8										
9										
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11										
12										
13										
14										
15										
16										

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

1604

Dr. Umbreen

To: Mr. Maqsood Ahmad (Project Coordinator)
M/s Banu Mukhtar (Pvt.) Ltd. Lahore
Project: Ultra Kraft (Pvt.) Ltd M3 Industrial Estate Faisalabad

Our Ref. No. CL/CED/ 4406 Dated: 28-07-21

Your Ref. No. BML/300841/014 Dated: 19-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 19-07-21 Tested on: 27-07-21 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	14	6	2021	6Diax12	14	28.28	51	4040	Non Engraved
2	(4000) Psi	14	6	2021	6Diax12	15	28.28	57	4520	Non Engraved
3	(4000) Psi	14	6	2021	6Diax12	14	28.28	41	3250	Non Engraved
4										
5										
6										
7										
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9										
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

1570

Dr. Umbreen

To: **Mr. Wasif Manzoor**

M/s Salman Developers (Pvt.) Ltd. Lahore.

Project: Construction of Grand Square Mall (11th Floor Columns & Slab)

Our Ref. No. CL/CED/

4407

Dated:

28-07-21

Your Ref. No.

Nil

Dated:

14-07-21

COMPRESSION TEST REPORT

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

Specimens received on:

14-07-21

Tested on:

27-07-21

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	(6000) Psi	10	6	2021	6Diax12	13.4	28.28	63	4990	Non Engraved
2	(6000) Psi	10	6	2021	6Diax12	14.2	28.28	71	5630	Non Engraved
3	(6000) Psi	10	6	2021	6Diax12	14.6	28.28	71	5630	Non Engraved
4	(3000) Psi	17	6	2021	6Diax12	14	28.28	65	5150	Non Engraved
5	(3000) Psi	17	6	2021	6Diax12	14.2	28.28	65	5150	Non Engraved
6	(3000) Psi	17	6	2021	6Diax12	13.8	28.28	69	5470	Non Engraved
7	(4000) Psi	24	6	2021	6Diax12	14	28.28	65	5150	Non Engraved
8	(4000) Psi	24	6	2021	6Diax12	14	28.28	69	5470	Non Engraved
9	(4000) Psi	24	6	2021	6Diax12	14	28.28	65	5150	Non Engraved
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

1583

Dr. Umbreen

To: **M/s HK Husnain Kareemain (Pvt.) Ltd.**
Lahore
Project: 78-XX-DHA

Our Ref. No. CL/CED/ 4408 Dated: 28-07-21

Your Ref. No. Nil Dated: 15-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 15-07-21 Tested on: 27-07-21 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	2	7	2021	6Diax12	14	28.28	47	3730	Non Engraved
2	Slab	2	7	2021	6Diax12	15	28.28	49	3890	Non Engraved
3	Columns	8	7	2021	6Diax12	18.8	28.28	71	5630	Non Engraved
4	Columns	8	7	2021	6Diax12	14.2	28.28	53	4200	Non Engraved
5	Raft	18	6	2021	6Diax12	14	28.28	63	4990	Non Engraved
6	Raft	18	6	2021	6Diax12	14.6	28.28	83	6580	Non Engraved
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
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Phone Nos. 042-99029202, 042-99029217

1607

Dr. Umbreen

To: **Project Manager**

Dcon Construction (Pvt.) Ltd. Lahore.

Project: Construction of Allied Bank Plot No.172 DD Block, Phase 4, CCA Commercial Area, DHA, Lahore.

Our Ref. No. CL/CED/

4409

Dated:

28-07-21

Your Ref. No.

Nil

Dated:

26-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 26-07-21 Tested on: 27-07-21 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	7	2021	6Diax12	13.8	28.28	59	4680	Non Engraved
2		16	7	2021	6Diax12	13.4	28.28	61	4840	Non Engraved
3		16	7	2021	6Diax12	13.6	28.28	57	4520	Non Engraved
4										
5										
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
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Phone Nos. 042-99029202, 042-99029217

To: **Mr.M. Shahbaz Iqbal**
M/s BPS (pvt.) Ltd. Lahore
Project: Construction of Alpha Homes (Apartments)

1591
Dr. Umbreen

Our Ref. No. CL/CED/ 4410 Dated: 28-07-21

Your Ref. No. Nil Dated: 15-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 16-07-21 Tested on: 27-07-21 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	Grid #44 to44 A to D	7	7	2021	6Diax12	13.8	28.28	47	3730	Non Engraved
2	Grid #44 to44 A to D	7	7	2021	6Diax12	14	28.28	37	2940	Non Engraved
3	Grid #44 to44 A to D	7	7	2021	6Diax12	13.6	28.28	43	3410	Non Engraved
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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Phone Nos. 042-99029202, 042-99029217

1588

Dr. Umbreen

To: Mr. M. Saleem (GM)
M/s Professional Construction Services (Pvt.) Ltd. Lahore
Project: Process House Extention of Baba Fareed Sugar Mills Okara

Our Ref. No. CL/CED/ 4411 Dated: 28-07-21

Your Ref. No. PCS/21/Eng-69 Dated: 15-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 15-07-21 Tested on: 27-07-21 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 Footing (1:2:4) Sec F-1	8	7	2021	6x6x6	8.6	36	59	3680	Non Engraved
2	RCC Footing (1:2:4) Sec-2	8	7	2021	6x6x6	8.4	36	61	3800	Non Engraved
3	RCC Footing (1:2:4) Sec-2	8	7	2021	6x6x6	8.6	36	65	4050	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

* 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

1588

Dr. Umbreen

To: Mr. M. Saleem (GM)
M/s Professional Construction Services (Pvt.) Ltd. Lahore
Project: Process House Extention of Baba Fareed Sugar Mills Okara

Our Ref. No. CL/CED/ 4411 Dated: 28-07-21

Your Ref. No. PCS/21/Eng-69 Dated: 15-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 15-07-21 Tested on: 27-07-21 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 Footing (1:2:4) Sec F-1	8	7	2021	6x6x6	8.6	36	59	3680	Non Engraved
2	RCC Footing (1:2:4) Sec-2	8	7	2021	6x6x6	8.4	336	61	410	Non Engraved
3	RCC Footing (1:2:4) Sec-2	8	7	2021	6x6x6	8.6	36	65	4050	Non Engraved
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16										

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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

1595

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

Dr. Umbreen

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

Project: Establishment of Mothers & Child Block in Sir Ganga Ram Hospital Lahore (Group-1) Columns (P-3) 6 th Floor

Our Ref. No. CL/CED/ 4413 Dated: 28-07-21

Your Ref. No. AEC/MBC/2021/81 Dated: 15-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 16-07-21 Tested on: 27-07-21 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 (1:1.5:3)	18	6	2021	6x6x6	8.6	36	88	5480	Non Engraved
2	Columns (1:1.5:3)	18	6	2021	6x6x6	8.8	36	88	5480	Non Engraved
3	Columns (1:1.5:3)	18	6	2021	6x6x6	9	36	92	5730	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

* as engraved on the specimens (if any)

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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

1560

To: **Mr. Ghulam Abbas (Asst. Executive Engineer Civil)**

Dr. Umbreen

College for Veterinary & Animal Sciences, Narowal Campus. (M/s AH Construction)

Project: Construction of Girls Hostel and Residences for Grade -20 at KBCMA CVAS Narowal

Our Ref. No. CL/CED/

4414

Dated:

28-07-21

Your Ref. No.

A.E./NC 096

Dated:

05-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 13-07-21 Tested on: 27-07-21 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	261		8.7x4.2x2.9	2780	36.54	35	2150	
2	261		8.6x4.2x2.8	2649	36.12	43	2670	
3	261		8.7x4.3x2.9	2848	37.41	41	2460	
4	261		8.7x4.2x2.8	2779	36.54	39	2400	
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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)

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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

1560

To: Mr. Ghulam Abbas (Asst. Executive Engineer Civil)

Dr. Umbreen

College for Veterinary & Animal Sciences, Narowal Campus. (M/s AH Construction)

Project: Construction of Girls Hostel and Residences for Grade -20 at KBCMA CVAS Narowal

Our Ref. No. CL/CED/

4415

Dated:

28-07-21

Your Ref. No.

A.E./NC 096

Dated:

05-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 13-07-21 Tested on: 27-07-21 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	261		8.7x4.2x2.9	2780	36.54	35	2150	
2	261		8.6x4.2x2.8	2649	36.12	43	2670	
3	261		8.7x4.3x2.9	2848	37.41	41	2460	
4	261		8.7x4.2x2.8	2779	36.54	39	2400	
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

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**** 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

1593

Dr. Umbreen

To: Mr. Umair Maqsood (Sub Divisional Officer)
Building Sub Division, Assembly, Lahore.
Project: Construction of MPA Hostel (Phase-II) Lahore. (Group-II)

Our Ref. No. CL/CED/ 4416 Dated: 28-07-21

Your Ref. No. No.525 Dated: 13-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 16-07-21 Tested on: 27-07-21 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 (1:1.5:3)	17	6	2021	6x6x6	8.8	36	98	6100	Engraved
2	Column (1:1.5:3)	17	6	2021	6x6x6	8.8	36	88	5480	Engraved
3										
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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" 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

To: Mr. Umair Maqsood (Sub Divisional Officer)
Building Sub Division, Assembly, Lahore.
Project: Construction of MPA Hostel (Phase-II) Lahore. (Group-II)

1593
Dr. Umbreen

Our Ref. No. CL/CED/ 4417 Dated: 28-07-21

Your Ref. No. No.524 Dated: 13-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 16-07-21 Tested on: 27-07-21 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 (1:1.5:3)	12	6	2021	6x6x6	8.8	36	94	5850	Non Engraved
2	Column (1:1.5:3)	12	6	2021	6x6x6	8.9	36	104	6480	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

* as engraved on the specimens (if any)

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**** 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