



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

767

To: **Mr. Farooq Ashaf (Resident Engineer)**

Dr. Ambreen

Metroplan- Asian JV, Site Office Talagang Mianwali (M/s Asian Consultant Engineers)

Subject: Resident Construction Supervision for Establishment of 200 Bedded Mother & Child Hospital and Nursing College, District Mianwali.

Our Ref. No. CL/CED/ 2556 Dated: 23/03/2021

Your Ref. No. Metroplan Asian JV- Nexus -MMCH-RE-741 Dated: 15-/02/2021

COMPRESSION TEST REPORT

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

Specimens received on: 26/2/2021 Tested on: 22/3/2021 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	Concrete Tile		12x12x01	5337	144			
2	Concrete Tile		12x12x01	5106	144			
3	Concrete Tile		12x12x01	5379	144			
4	Concrete Tile		12x12x01	5124	144			
5	Concrete Tile		12x12x01	4944	144			
6	Concrete Tile		12x12x01	4968	144			
7	Concrete Tile		12x12x01	4955	144			
8	Concrete Tile		12x12x01	5105	144			
9	Concrete Tile		12x12x01	5079	144			
10	Concrete Tile		12x12x01	5246	144			
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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



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Phone Nos. 042-99029202, 042-99029217

894

Dr. M. Yousaf

To: Mr. Zahir Badshah & Company
Glutain Mor Tehsil Dashka Districk Sialkot.
Subject: Naya Tel Cabel and Tv Company

Our Ref. No. CL/CED/ 2557 Dated: 23/03/2021

Your Ref. No. Nil Dated: 16-/03/2021

COMPRESSION TEST REPORT

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

Specimens received on: 16/3/2021 Tested on: 22/3/2021 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	DS		8.9x4.4x3.0	3248	39.16	33	1890	
2	DS		8.8x4.4x2.9	3196	38.72	49	2840	
3	H1		8.8x4.3x3.0	3173	37.84	33	1960	
4	H1		8.9x4.3x2.9	3218	38.27	23	1350	
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896

Dr. M. Yousaf

To: **Mr. Adil jamal (Project Manager)**
MA Engineering Services, Lahore.

Subject: Construction of Commercial Plaza at AL Rehman Garden Lahore.

Our Ref. No. CL/CED/ 2558 Dated: 23/03/2021

Your Ref. No. MA/UETL/012 Dated: 16/03/2021

COMPRESSION TEST REPORT

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

Specimens received on: 16/03/21 Tested on: 22/03/2021 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	AR		8.7x4.3x2.8	2983	37.41	66	3960	
2	AR		8.8x4.3x2.9	3078	37.84	32	1900	
3	AR		8.8x4.3x3.0	3081	37.84	43	2550	
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893

Dr. M. Yousaf

To: **M/s AURORA Construction Company (Pvt.) Ltd.**

Sector E-11/2, Islamabad.

Subject: Construction Work of Naya Tel Cable and TV Company

Our Ref. No. CL/CED/ 2559 Dated: 23/03/2021

Your Ref. No. Nil Dated: 16/03/2021

COMPRESSION TEST REPORT

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

Specimens received on: 16/03/21 Tested on: 22/03/2021 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	N-17		8.7x4.3x2.9	3189	37.84	37	2190	
2	N-17		8.8x4.3x2.8	3149	37.41	33	1980	
3	7 7		8.9x4.3x2.9	3228	38.27	47	2760	
4	7 7		8.8x4.2x2.9	3167	36.96	57	3460	
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908

Dr. M. Yousaf

To: **Mr. Shahid Jameel (Construction Manager)**

Mughals Pakistan (Pvt.) Ltd. Lahore.

Subject: Construction of EOBI Hotel & Mixed Use Development Project, Lahore.

Our Ref. No. CL/CED/

2560

Dated:

23/03/2021

Your Ref. No.

786/MPL/0064/160304/2021

Dated:

16/03/2021

COMPRESSION TEST REPORT

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

Specimens received on:

18/03/21

Tested on:

22/03/2021

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	Parapet Wall (4000) Psi	11	3	2021	6Diax12	14	28.28	69	5470	Non Engraved
2	Parapet Wall (4000) Psi	11	3	2021	6Diax12	14.2	28.28	75	5950	Non Engraved
3	Parapet Wall (4000) Psi	11	3	2021	6Diax12	14	28.28	55	4360	Non Engraved
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910
Dr. Mazar

To: Project Manager
Q-Links Property Management (Pvt.) Ltd.
Subject: Construction of BH-3 & Jasmine Grand Mall Bahria Orchard, Lahore.

Our Ref. No. CL/CED/ 2561 Dated: 23/03/2021

Your Ref. No. QLC-BO-BH2-2021-016 Dated: 18/03/2021

COMPRESSION TEST REPORT

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

Specimens received on: 18/03/21 Tested on: 22/03/2021 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	Ground Floor Lift Wall(3750) Psi	8	3	2021	6Diax12	13.8	28.28	57	4520	Non Engraved
2	Foundation (3000) psi	10	3	2021	6Diax12	13.2	28.28	31	2460	Engraved
3	Parapet Wall (4000) Psi	10	3	2021	6Diax12	13.2	28.28	29	2300	Engraved
4	Foundation (3000) psi	10	3	2021	6Diax12	13.6	28.28	35	2780	Engraved
5	Foundation (3000) psi	10	3	2021	6Diax12	13.4	28.28	23	1830	Engraved
6	Foundation (3000) psi	10	3	2021	6Diax12	14	28.28	21	1670	Engraved
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911
Dr. Mazar

To: Engr. M. Akbar (CEO)
NAM Associates, Lahore.
Subject: Construction of MCB, Township, Lahore.

Our Ref. No. CL/CED/ 2562 Dated: 23/03/2021

Your Ref. No. NAM-424/13 Dated: 19/03/2021

COMPRESSION TEST REPORT

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

Specimens received on: 19/03/21 Tested on: 22/03/2021 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		22	2	2021	6Diax12	14	28.28	49	3890	Non Engraved
2		22	2	2021	6Diax12	14.2	28.28	49	3890	Non Engraved
3		10	3	2021	6Diax12	14	28.28	43	3410	Non Engraved
4		10	3	2021	6Diax12	14	28.28	35	2780	Non Engraved
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919
Dr. Mazar

To: Mr. Mujib Ur Rehman (Principal Architect)
M/s Sustainable Design Solutions, Phase -3 DHA, Lahore.
Subject: Construction of 38-CCA Commercial at Phase 5, DHA, Lahore.

Our Ref. No. CL/CED/ 2563 Dated: 23/03/2021

Your Ref. No. SDS-1292020-01 Dated: 16/03/2021

COMPRESSION TEST REPORT

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

Specimens received on: 19/03/21 Tested on: 22/03/2021 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	Basement Retaining Walls	8	2	2021	6Diax12	14	28.28	41	3250	Engraved
2	Basement Retaining Walls	8	2	2021	6Diax12	14	28.28	38	3010	Engraved
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Phone Nos. 042-99029202, 042-99029217

919

Dr. Mazar

To: Mr. Mujib Ur Rehman (Principal Architect)
M/s Sustainable Design Solutions, Phase -3 DHA, Lahore.
Subject: Construction of 37- CCA Commercial at Phase 5, DHA, Lahore.

Our Ref. No. CL/CED/ 2564 Dated: 23/03/2021

Your Ref. No. SDS-1292020-02 Dated: 16/03/2021

COMPRESSION TEST REPORT

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

Specimens received on: 19/03/21 Tested on: 22/03/2021 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	Basement Retaining Walls	15	2	2021	6Diax12	14	28.28	41	3250	Engraved
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4										
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914

Dr. Mazar

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

Our Ref. No. CL/CED/ 2565 Dated: 23/03/2021

Your Ref. No. P-156-205 Dated: 18/03/2021

COMPRESSION TEST REPORT

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

Specimens received on: 19/03/21 Tested on: 22/03/2021 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	7 8 1 (3000) Psi	11	3	2021	6Diax12	14	28.28	63	4990	Non Engraved
2	7 8 2 (3000) Psi	11	3	2021	6Diax12	14.2	28.28	63	4990	Non Engraved
3	7 8 3 (3000) Psi	11	3	2021	6Diax12	14.2	28.28	53	4200	Non Engraved
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914
Dr. Mazar

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

Our Ref. No. CL/CED/ 2566 Dated: 23/03/2021
Your Ref. No. P-156-204 Dated: 18/03/2021

COMPRESSION TEST REPORT

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

Specimens received on: 19/03/21 Tested on: 22/03/2021 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	7 5 8 (4500) Psi	18	2	2021	6Diax12	14.6	28.28	79	6260	Non Engraved
2	7 6 1 (4500) Psi	18	2	2021	6Diax12	14.4	28.28	53	4200	Non Engraved
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917
Dr. Mazar

To: Mr. Muhammad Azeem (Operational Manager)
M/s Amer Adnan Associates (Pvt.) Ltd., Lahore.
Subject: Construction of P-156 Project Gulberg II, Lahore.

Our Ref. No. CL/CED/ 2567 Dated: 24/03/2021

Your Ref. No. AAA/24A/0029 Dated: 19/03/2021

COMPRESSION TEST REPORT

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

Specimens received on: 19/03/21 Tested on: 22/03/2021 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	(5000) Psi	20	2	2021	6Diax12	14	28.28	83	6580	Non Engraved
2	(5000) Psi	20	2	2021	6Diax12	13.2	28.28	81	6420	Non Engraved
3	(5000) Psi	20	2	2021	6Diax12	14.4	28.28	77	6100	Non Engraved
4	(5000) Psi	20	2	2021	6Diax12	13.4	28.28	69	5470	Non Engraved
5	(5000) Psi	20	2	2021	6Diax12	13.2	28.28	67	5310	Non Engraved
6	(5000) Psi	20	2	2021	6Diax12	13	28.28	81	6420	Non Engraved
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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

915

Dr. M. Yousaf

To: **Engr. Bilal Yaqoob Virk (Assistant Executive Engineer)**

CCD, PAK. PWD. Gujrawala

Subject: Enhancement & Expansion of Building Infrastructure of NHMP Training College Sheikhpora, Phase-1 (SH: Establishment of Terinees Hostel)

Our Ref. No. CL/CED/

2568

Dated:

23/03/2021

Your Ref. No.

AEE-II/CCD/GA/Work
/NHMP/P-1/Lab/29

Dated:

03-01-21

COMPRESSION TEST REPORT

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

Specimens received on:

19/03/21

Tested on:

22/03/2021

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	Ground Floor Beam & Slab	31	1	2021	6x6x6	9	36	36	2240	Engraved
2	Ground Floor Beam & Slab	31	1	2021	6x6x6	8.4	36	41	2560	Engraved
3										
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

* as engraved on the specimens (if any)

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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

915

To: Engr. Bilal Yaqoob Virk (Assistant Executive Engineer)

Dr. M. Yousaf

CCD, PAK. PWD. Gujrawala

Subject: Enhancement & Expansion of Building Infrastructure of NHMP Training College Sheikhpora , Phase -1 (SH: Establishment of Terinees Hostel)

Our Ref. No. CL/CED/

2569

Dated:

23/03/2021

Your Ref. No.

AEE-II/CCD/GA/Work/
NHMP/P-1/Lab/29

Dated:

03-09-21

COMPRESSION TEST REPORT

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

Specimens received on:

19/03/21

Tested on:

22/03/2021

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	First Floor Columns	6	2	2021	6x6x6	8.2	36	43	2680	Engraved
2	First Floor Columns	7	2	2021	6x6x6	9	36	69	4300	Engraved
3	First Floor Columns	16	2	2021	6x6x6	8.8	36	71	4420	Engraved
4										
5										
6										
7										
8										
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

916

To: Lt. Col. @ Muhammad Ibrahim (Estate Engineer)
Sundar Industrial Estate, Lahore.
Subject: Nil

Dr. M. Yousaf

Our Ref. No. CL/CED/ 2570 Dated: 23/03/2021

Your Ref. No. BOM/SIE/BCD/6367 Dated: 18/3/2021

COMPRESSION TEST REPORT

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

Specimens received on: 19/03/21 Tested on: 22/03/2021 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	Bracing Beam (3000) Psi	16	2	2021	6x6x6	8.4	36	83	5170	Engraved
2	Bracing Beam (3000) Psi	16	2	2021	6x6x6	8.4	36	84	5230	Engraved
3	Stair(3000) Psi	16	2	2021	6x6x6	8.4	36	82	5110	Engraved
4	Stair(3000) Psi	16	2	2021	6x6x6	8.4	36	73	4550	Engraved
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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