



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

1110

Dr. Mazar

To: Mr. M. Azeem (Operation Manager)
M/s Amer Adnan Associates(Pvt.) Ltd. Lahore.
Project: Construction of Hotel Building at 24-A Block E/2 Gulberg III, Lahore.

Our Ref. No. CL/CED/ 2895 Dated: 27-04-21

Your Ref. No. AAA/ 2A/0033 Dated: 21-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 22-04-21 Tested on: 26-04-21 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	(4500) Psi	24	3	2021	6Diax12	13.8	28.28	61	4840	Non Engraved
2	(4500) Psi	24	3	2021	6Diax12	14	28.28	65	5150	Non Engraved
3	(4500) Psi	24	3	2021	6Diax12	14	28.28	65	5150	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"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

1103

Dr. Mazar

To: Mr. M. Aslam (Manager Construction -S-II
Allied Bank Limited, Engineering Cell, South-II Miultan.
Project: Construction Project of Masoom Shah Road Branch, Multan, (0505)

Our Ref. No. CL/CED/ 2896 Dated: 27-04-21

Your Ref. No. GHQ/S2/CRM/MA/2021/123 Dated: 12-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 21-04-21 Tested on: 26-04-21 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	Slab	24	3	2021	6Diax12	13.4	28.28	41	3250	Non Engraved
2	Slab	24	3	2021	6Diax12	13.2	28.28	41	3250	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

1101

Dr. Mazar

To: **Mr. M. Tahir Yaseen**

Elco Enterprises (Pvt.) Ltd. Lahore.

Project: Construction Cum Renovation of Allied Bank Limited New Satellite Town Branch, Sargodah

Our Ref. No. CL/CED/ 2897 Dated: 27-04-21

Your Ref. No. Nil Dated: 21-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 21-04-21 Tested on: 26-04-21 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	27	3	2021	6Diax12	13.8	28.28	81	6420	Non Engraved
2	(3000) Psi	27	3	2021	6Diax12	13	28.28	81	6420	Non Engraved
3	(3000) Psi	27	3	2021	6Diax12	13	28.28	65	5150	Non Engraved
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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

1121
Dr. Mazar

To: **ARCHT. Kalim A. Siddiqui (Chief Executive)**
KS & Associates (Pvt.) Ltd. (M/s Design Simulation)
Project: Construction of New UBL Building at Tufail Road, Lahore.

Our Ref. No. CL/CED/ 2898 Dated: 27-04-21

Your Ref. No. KS/UBL-TF-LHR-/20/AP-31 Dated: 21-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 23-04-21 Tested on: 26-04-21 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	Slab Basement Floor	6	3	2021	6Diax12	14.4	28.28	51	4040	Engraved
2	Slab Basement Floor	6	3	2021	6Diax12	14	28.28	49	3890	Engraved
3	Slab Basement Floor	6	3	2021	6Diax12	14	28.28	49	3890	Engraved
4	Column Ground Floor	12	3	2021	6Diax12	14	28.28	61	4840	Engraved
5	Column Ground Floor	12	3	2021	6Diax12	14	28.28	43	3410	Engraved
6	Column Ground Floor	12	3	2021	6Diax12	14	28.28	53	4200	Engraved
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supervisor(lab)

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

1094
Dr. Mazar

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

Our Ref. No. CL/CED/ 2899 Dated: 27-04-21
Your Ref. No. IHPL/Con/183 Dated: 12-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-04-21 Tested on: 26-04-21 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 (8000) Psi	17	3	2021	6Diax12	13	28.28	102	8080	Non Engraved
2	5 (8000) Psi	17	3	2021	6Diax12	13	28.28	100	7930	Non Engraved
3	9 (8000) Psi	17	3	2021	6Diax12	13	28.28	94	7450	Non Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

1094
Dr. Mazar

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

Our Ref. No. CL/CED/ 2900 Dated: 27-04-21
Your Ref. No. IHPL/Con/182 Dated: 12-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-04-21 Tested on: 26-04-21 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 (4000) Psi	17	3	2021	6Diax12	13.4	28.28	92	7290	Non Engraved
2	14 (4000) Psi	17	3	2021	6Diax12	13	28.28	92	7290	Non Engraved
3	16 (4000) Psi	17	3	2021	6Diax12	13	28.28	94	7450	Non Engraved
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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
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Phone Nos. 042-99029202, 042-99029217

1094
Dr. Mazar

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

Our Ref. No. CL/CED/ 2901 Dated: 27-04-21

Your Ref. No. IHPL/Con/184 Dated: 12-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-04-21 Tested on: 26-04-21 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 (4000) Psi	18	3	2021	6Diax12	13.8	28.28	53	4200	Non Engraved
2	5 (4000) Psi	18	3	2021	6Diax12	13.4	28.28	57	4520	Non Engraved
3	9 (4000) Psi	18	3	2021	6Diax12	13.4	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

* 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

1094
Dr. Mazar

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

Our Ref. No. CL/CED/ 2902 Dated: 27-04-21
Your Ref. No. IHPL/Con/186 Dated: 12-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-04-21 Tested on: 26-04-21 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	15 (8000) Psi	19	3	2021	6Diax12	13.6	28.28	102	8080	Non Engraved
2	17 (8000) Psi	19	3	2021	6Diax12	14	28.28	108	8560	Non Engraved
3	13 (8000) Psi	19	3	2021	6Diax12	13	28.28	106	8400	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

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**** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive 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

1094
Dr. Mazar

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

Our Ref. No. CL/CED/ 2903 Dated: 27-04-21

Your Ref. No. IHPL/Con/185 Dated: 12-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-04-21 Tested on: 26-04-21 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 (4000) Psi	19	3	2021	6Diax12	13.8	28.28	90	7130	Non Engraved
2	5 (4000) Psi	19	3	2021	6Diax12	13.8	28.28	81	6420	Non Engraved
3	4 (4000) Psi	19	3	2021	6Diax12	13.4	28.28	88	6970	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

1094
Dr. Mazar

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

Our Ref. No. CL/CED/ 2904 Dated: 27-04-21
Your Ref. No. IHPL/Con/187 Dated: 12-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-04-21 Tested on: 26-04-21 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 (8000) Psi	20	3	2021	6Diax12	14	28.28	98	7770	Non Engraved
2	5 (8000) Psi	20	3	2021	6Diax12	13.6	28.28	94	7450	Non Engraved
3	9 (8000) Psi	20	3	2021	6Diax12	14	28.28	92	7290	Non Engraved
4										
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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

1125

Dr. Umbreen

To: Muhammad Ehsan (Engr. Project Director, EEPL)
M/s Sitara Heights (Pvt.) Limited (Elite Engineering Pvt. Ltd.)
Project: Sitara Height 3-Jays Tower, Gulberg-III Lahore

Our Ref. No. CL/CED/ 2905 Dated: 27-04-21

Your Ref. No. EEPL/SH/001/003 Dated: 23-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 26-04-21 Tested on: 26-04-21 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	4	2021	6Diax12	14.4	28.28	45	3570	Non Engraved
2	4000 Psi	26	4	2021	6Diax12	13.6	28.28	49	3890	Non Engraved
3	4000 Psi	26	4	2021	6Diax12	13.8	28.28	47	3730	Non Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

1042
Dr. Umbreen

To: Sub Divisional Officer
Building Sub Division, Kasur
Project: Construction of Tehsil Complex Kot Radha Kishan District Kasur

Our Ref. No. CL/CED/ 2906 Dated: 27-04-21
Your Ref. No. 95/k Dated: 11-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 09-04-21 Tested on: 26-04-21 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	96		8.8x4.3x3.0	3229	37.84	47	2790	
2	96		8.9x4.4x3.1	3360	39.16	49	2810	
3	96		8.9x4.4x3.1	3345	39.16	51	2920	
4	96		8.8x4.5x3.1	3387	39.6	53	3000	
5	96		8.8x4.4x3.1	3368	38.72	41	2380	
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

1042
Dr. Umbreen

To: Sub Divisional Officer
Building Sub Division, Kasur
Project: Construction of Tehsil Complex Kot Radha Kishan District Kasur

Our Ref. No. CL/CED/ 2907 Dated: 27-04-21
Your Ref. No. 94/k Dated: 11-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 09-04-21 Tested on: 26-04-21 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	9 A 9		8.7x4.3x3.0	3318	37.41	53	3180	
2	9 A 9		8.9x4.3x3.1	3460	38.27	55	3220	
3	9 A 9		8.7x4.3x3.1	3336	37.41	59	3540	
4	9 A 9		8.6x4.3x3.0	3361	36.98	63	3820	
5	9 A 9		8.7x4.3x3.0	3308	37.41	61	3660	
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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

1076
Dr. Umbreen

To: General Manager (PECHS Valencia Lahore)
Pakistan Expatriates Coop. Housing Society (Valencia) Ltd. Lahore
Project: Nil

Our Ref. No. CL/CED/ 2908 Dated: 27-04-21
Your Ref. No. Nil Dated: 16-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 16-04-21 Tested on: 26-04-21 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		7.8x3.9x2.4	2613	30.42	69	5090	
2	Rectangular Grey		7.8x3.9x2.4	2832	30.42	75	5530	
3	Rectangular Grey		7.8x3.9x2.4	2788	30.42	75	5530	
4	Rectangular Grey		7.8x3.9x2.4	2662	30.42	83	6120	
5	Rectangular Grey		7.8x3.9x2.4	2786	30.42	81	5970	
6	Rectangular Grey		7.8x3.9x2.4	2825	30.42	100	7370	
7	Rectangular Grey		7.8x3.9x2.4	2923	30.42	104	7660	
8	Rectangular Grey		7.8x3.9x2.4	2827	30.42	57	4200	
9	Rectangular Grey		7.8x3.9x2.4	2825	30.42	61	4500	
10	Rectangular Grey		7.8x3.9x2.4	2682	30.42	83	6120	
11	Rectangular Grey		7.8x3.9x2.4	2831	30.42	61	4500	
12	Rectangular Grey		7.8x3.9x2.4	2468	30.42	57	4200	
13	Rectangular Grey		7.8x3.9x2.4	2578	30.42	77	5670	
14	Rectangular Grey		7.8x3.9x2.4	2790	30.42	90	6630	
15	Rectangular Grey		7.8x3.9x2.4	2796	30.42	75	5530	
16	Rectangular Grey		7.8x3.9x2.4	2770	30.42	83	6120	

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departament?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

1090
Dr. Umbreen

To: Mr. Wasif Manzoor
Salman Developers, Lahore
Project: Grand Square Mall (11th Floor Column & Slab)

Our Ref. No. CL/CED/ 2909 Dated: 27-04-21

Your Ref. No. Nil Dated: 20-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 16-04-21 Tested on: 26-04-21 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	11	3	2021	6Diax12	14	28.28	73	5790	
2	6000 Psi	11	3	2021	6Diax12	14	28.28	120	9510	
3	6000 Psi	9	3	2021	6Diax12	14.4	28.28	69	5470	
4	6000 Psi	9	3	2021	6Diax12	13.8	28.28	81	6420	
5	3000 Psi	11	3	2021	6Diax12	13.8	28.28	73	5790	
6	3000 Psi	11	3	2021	6Diax12	13.2	28.28	59	4680	
7	3000 Psi	11	3	2021	6Diax12	14	28.28	63	4990	
8	6000 Psi	11	3	2021	6Diax12	14.4	28.28	83	6580	
9	6000 Psi	11	3	2021	6Diax12	14.4	28.28	67	5310	
10	6000 Psi	11	3	2021	6Diax12	14.4	28.28	150	11890	
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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

1091

To: Engr. Asif Raza (Resident Engineer)

Dr. Umbreen

Allied Engineering Consultants (Pvt.) Ltd. Lahore

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore (Group No.1), P-3, 2nd Floor

Our Ref. No. CL/CED/ 2910 Dated: 27-04-21

Your Ref. No. AEC/MBC/2021/19 Dated: 19-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-04-21 Tested on: 26-04-21 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	8	3	2021	6x6x6	8.8	36	67	4170	Non Engraved
2	Roof Slab	8	3	2021	6x6x6	8.6	36	83	5170	Non Engraved
3	Roof Slab	8	3	2021	6x6x6	9	36	61	3800	Non Engraved
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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

1091

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

Dr. Umbreen

Allied Engineering Consultants (Pvt.) Ltd. Lahore

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore (Group No.1), P-1, Lift Well 3rd Floor

Our Ref. No. CL/CED/ 2911 Dated: 27-04-21

Your Ref. No. AEC/MBC/2021/20 Dated: 19-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-04-21 Tested on: 26-04-21 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	Lift Well 3rd Floor	13	3	2021	6x6x6	8.4	36	43	2680	Non Engraved
2	Lift Well 3rd Floor	13	3	2021	6x6x6	8.8	36	130	8090	Non Engraved
3	Lift Well 3rd Floor	13	3	2021	6x6x6	9	36	120	7470	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



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

1091

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

Dr. Umbreen

Allied Engineering Consultants (Pvt.) Ltd. Lahore

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore (Group No.1), P-1, Roof Slab 3rd Floor

Our Ref. No. CL/CED/ 2912 Dated: 27-04-21

Your Ref. No. AEC/MBC/2021/21 Dated: 19-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-04-21 Tested on: 26-04-21 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 3rd Floor	18	3	2021	6x6x6	9	36	110	6850	Non Engraved
2	Roof Slab 3rd Floor	18	3	2021	6x6x6	9	36	73	4550	Non Engraved
3	Roof Slab 3rd Floor	18	3	2021	6x6x6	9	36	98	6100	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

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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

1091

Dr. Umbreen

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

Allied Engineering Consultants (Pvt.) Ltd. Lahore

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore (Group No.1), P-2, Lift Well 4th Floor

Our Ref. No. CL/CED/ 2913 Dated: 27-04-21

Your Ref. No. AEC/MBC/2021/22 Dated: 19-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-04-21 Tested on: 26-04-21 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 4th Floor	9	3	2021	6x6x6	9	36	67	4170	Non Engraved
2	Lift Well 4th Floor	9	3	2021	6x6x6	9	36	83	5170	Non Engraved
3	Lift Well 4th Floor	9	3	2021	6x6x6	9	36	83	5170	Non Engraved
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* 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