



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

10690
Dr. Mazar

To: Sub Divisional Officer
Building Sub Division No.10 Lahore.
Project: Construction of Residential Flats for Police Officials Grade 1 to 10 Adjacent PS Manawan, Lahore.

Our Ref. No. CL/CED/ 1095 Dated: 29-10-20

Your Ref. No. 344/10th Dated: 12-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 13-10-20 Tested on: 26-10-20 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	1 1		9x4.4x3	3006	39.6	59	3340	
2	1 1		8.9x4.5x3	3065	40.05	54	3020	
3	1 1		9x4.4x2.9	2989	39.6	55	3120	
4	1 1		8.9x4.4x3	3081	39.16	57	3260	
5	1 1		9x4.5x3	3103	40.5	59	3270	
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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

60

Dr. Ambreen

To: **Shah Zaman (Pvt) Ltd**

Plot # 138 -Industrial State, jamrud Road, Peshawar, (Khyber Pakhtunkhwa) Pakistan.

Project: Pakistan Cricket Board Addition & Alteration of Cricket House, Jail Road, Lahore.

Our Ref. No. CL/CED/

1096

Dated:

29-10-20

Your Ref. No.

Nil

Dated:

28-10-20

COMPRESSION TEST REPORT

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

Specimens received on:

28-10-20

Tested on:

29-10-20

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		7.8x3.8x2.3	2608	29.64	65	4920	
2	Rectangular Red		7.8x3.8x2.3	2631	29.64	94	7110	
3	Rectangular Red		7.8x3.8x2.3	2650	29.64	81	6130	
4	Rectangular Red		7.8x3.8x2.3	2475	29.64	61	4610	
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Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

10697

Dr. Umbreen

To: Syed Yasir Ali (Resident Engineer)

Nespak (Pvt.) Ltd. Lahore

Project: Establishment of U.E.T Lahore Sub Campus at Narowal, Construction of Boys Hostel (Balance Work)

Our Ref. No. CL/CED/

1097

Dated:

29-10-20

Your Ref. No.

3863/13/SYA/Labtesting/18

Dated:

13-07-20

COMPRESSION TEST REPORT

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

Specimens received on:

14-10-20

Tested on:

29-10-20

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	6 1		8.6x4.1x2.9	2939	35.26	37	2360	
2	6 1		8.6x4.2x2.9	2952	36.12	41	2550	
3	6 1		8.4x4.0x2.8	2948	33.6	43	2870	
4	6 1		8.6x4.1x2.8	2749	35.26	57	3630	
5	6 1		8.7x4.2x2.9	2943	36.54	41	2520	
6	6 1		8.6x4.1x2.8	2923	35.26	45	2860	
7	6 1		8.7x4.0x2.8	2979	34.8	57	3670	
8	6 1		8.7x4.1x2.7	2981	35.67	57	3580	
9	6 1		8.6x4.0x2.9	2824	33.6	49	3270	
10	6 1		8.7x4.2x2.9	2743	36.54	39	2400	
11	6 1		8.7x4.1x2.8	3005	35.67	41	2580	
12	6 1		8.4x4.3x2.8	2839	36.12	41	2550	
13								
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16								

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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



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

48
Dr. Aqsa

To: **Nawab Ali**
Pakpattan
Project: RCC Slab

Our Ref. No. CL/CED/ 1098 Dated: 29-10-20

Your Ref. No. Nil Dated: 26-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 26-10-20 Tested on: 28-10-20 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		13	10	2020	6Diax12	14.2	28.28	29	2300	Non Engraved
2		13	10	2020	6Diax12	13.4	28.28	34	2700	Non Engraved
3		13	10	2020	6Diax12	14	28.28	36	2860	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

50

Dr. Aqsa

To: **Engr. Faizullah (Divisional Engineer, ES Civil Division)**

CAA, AllAP, Lahore

Project: Improvement of Perimeter Fence at 36 End Towards Nadirabad at AllAP, Lahore

Our Ref. No. CL/CED/ 1099 Dated: 29-10-20

Your Ref. No. AllAP/1656-01/109/LACV/III/684 Dated: 26-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 26-10-20 Tested on: 28-10-20 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	RCC Wall	26	9	2020	6x6x6	8.6	36	65	4050	Engraved
2	RCC Wall	26	9	2020	6x6x6	8.4	36	75	4670	Engraved
3	RCC Wall	29	9	2020	6x6x6	8.6	36	65	4050	Engraved
4	RCC Wall	29	9	2020	6x6x6	8.2	36	61	3800	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

50
Dr. Aqsa

To: **Engr. Faizullah (Divisional Engineer, ES Civil Division)**
CAA, AllAP, Lahore

Project: Improvement of Perimeter Fence at 36 End Towards Nadirabad at AllAP, Lahore

Our Ref. No. CL/CED/ 1100 Dated: 29-10-20

Your Ref. No. AllAP/1656-01/109/LACV/III/683 Dated: 26-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 26-10-20 Tested on: 28-10-20 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	RCC Wall Base	17	9	2020	6x6x6	8.4	36	74	4610	Engraved
2	RCC Wall Base	17	9	2020	6x6x6	8.6	36	85	5290	Engraved
3	RCC Wall Base	21	9	2020	6x6x6	8	36	97	6040	Engraved
4	RCC Wall Base	21	9	2020	6x6x6	8.4	36	94	5850	Engraved
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Phone Nos. 042-99029202, 042-99029217

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Dr. Aqsa

To: **M. Furqan (Project Manager)**
CM Engineering (Pvt.) Ltd. Lahore
Project: CMPAK, Site ID-51806, Drill Pier / BTS PAD

Our Ref. No. CL/CED/ 1101 Dated: 29-10-20

Your Ref. No. CME/Cube/CMPAK/721 Dated: 26-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 27-10-20 Tested on: 28-10-20 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	(1 : 1.5 : 3)	28	9	2020	6x6x6	8.2	36	129	8030	Non Engraved
2	(1 : 1.5 : 3)	28	9	2020	6x6x6	8.2	36	112	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

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Dr. Aqsa

To: **M. Furqan (Project Manager)**
CM Engineering (Pvt.) Ltd. Lahore
Project: CMPAK, Site ID-52736, Drill Pier / BTS PAD

Our Ref. No. CL/CED/ 1102 Dated: 29-10-20

Your Ref. No. CME/Cube/CMPAK/722 Dated: 27-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 27-10-20 Tested on: 28-10-20 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
		Day	Month	Year						
1	(1 : 1.5 : 3)	29	9	2020	6x6x6	8	36	122	7600	Non Engraved
2	(1 : 1.5 : 3)	29	9	2020	6x6x6	8	36	114	7100	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

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Dr. Aqsa

To: **Site Admin**
Safiya Homes, Lahore
Project: Nil

Our Ref. No. CL/CED/ 1103 Dated: 29-10-20

Your Ref. No. Nil Dated: 27-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 27-10-20 Tested on: 28-10-20 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 : 1.5 : 3)	18	10	2020	6x6x6	8.2	36	46	2870	Non Engraved
2	(1 : 1.5 : 3)	18	10	2020	6x6x6	8.4	36	41	2560	Non Engraved
3	(1 : 1.5 : 3)	18	10	2020	6x6x6	8.8	36	53	3300	Non Engraved
4	(1 : 2 : 4)	18	10	2020	6x6x6	8.8	36	43	2680	Non Engraved
5	(1 : 2 : 4)	18	10	2020	6x6x6	8.6	36	38	2370	Non Engraved
6	(1 : 2 : 4)	18	10	2020	6x6x6	8.6	36	41	2560	Non Engraved
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54
Dr. Aqsa

To: Engr. Irfan Shahid (Resident Engineer)
Madison Square Mall, Lahore
Project: Madison Square Mall 92-92-A Gulberg III, Lahore

Our Ref. No. CL/CED/ 1104 Dated: 29-10-20

Your Ref. No. Nil Dated: 27-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 27-10-20 Tested on: 28-10-20 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	114 / 1W / P	10	9	2020	6Diax12	14	28.28	54	4280	Non Engraved
2	1 0 2	10	9	2020	6Diax12	14	28.28	51	4040	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

58

Dr. Aqsa

To: **Muhammad Aqeel Bhatti (Project Manager)**

Kingcrete Builders, Lahore

Project: Construction of Cargo Building at Allama Iqbal International Airport, Lahore

Our Ref. No. CL/CED/ 1105 Dated: 29-10-20

Your Ref. No. KB/GD_CB/AHA-LHR/036 Dated: 26-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 27-10-20 Tested on: 28-10-20 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	9	2020	6Diax12	13.8	28.28	68	5390	Non Engraved
2		22	9	2020	6Diax12	14	28.28	62	4920	Non Engraved
3		22	9	2020	6Diax12	14	28.28	69	5470	Non Engraved
4		26	9	2020	6Diax12	14.2	28.28	71	5630	Non Engraved
5		26	9	2020	6Diax12	14	28.28	84	6660	Non Engraved
6		26	9	2020	6Diax12	14.2	28.28	65	5150	Non Engraved
7		28	9	2020	6Diax12	13.2	28.28	50	3960	Non Engraved
8		28	9	2020	6Diax12	13.4	28.28	64	5070	Non Engraved
9		28	9	2020	6Diax12	13.3	28.28	65	5150	Non Engraved
10										
11										
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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

58

Dr. Aqsa

To: **Muhammad Aqeel Bhatti (Project Manager)**

Kingcrete Builders, Lahore

Project: Construction of Cargo Building at Allama Iqbal International Airport, Lahore

Our Ref. No. CL/CED/ 1106 Dated: 29-10-20

Your Ref. No. KB/GD_CB/AHA-LHR/031 Dated: 08-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 27-10-20 Tested on: 28-10-20 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	6	2020	6Diax12	14	28.28	64	5070	Non Engraved
2		16	6	2020	6Diax12	14	28.28	104	8240	Non Engraved
3		16	6	2020	6Diax12	14	28.28	108	8560	Non Engraved
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Results can also be seen on website 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"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

56

Dr. Aqsa

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

Our Ref. No. CL/CED/ 1107-1 of 2 Dated: 29-10-20

Your Ref. No. QLPM-OM-16 Dated: 23-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 27-10-20 Tested on: 28-10-20 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 (5000 Psi)	4	10	2020	6Diax12	14	28.28	70	5550	Non Engraved
2	Column (5000 Psi)	4	10	2020	6Diax12	14.8	28.28	75	5950	Non Engraved
3	Column (5000 Psi)	14	9	2020	6Diax12	14.4	28.28	53	4200	Non Engraved
4	Column (5000 Psi)	14	9	2020	6Diax12	14.6	28.28	70	5550	Non Engraved
5	Slab (3000 Psi)	10	9	2020	6Diax12	13.8	28.28	37	2940	Non Engraved
6	Slab (3000 Psi)	10	9	2020	6Diax12	14	28.28	42	3330	Non Engraved
7	Slab (3000 Psi)	27	9	2020	6Diax12	13.6	28.28	33	2620	Non Engraved
8	Slab (3000 Psi)	27	9	2020	6Diax12	14	28.28	36	2860	Non Engraved
9	Column (5000 Psi)	14	10	2020	6Diax12	13.4	28.28	53	4200	Non Engraved
10	Column (5000 Psi)	14	10	2020	6Diax12	13.4	28.28	53	4200	Non Engraved
11	Footing (3000Psi)	6	10	2020	6Diax12	13.4	28.28	39	3090	Non Engraved
12	Footing (3000Psi)	6	10	2020	6Diax12	13.8	28.28	39	3090	Non Engraved
13	Footing (3000Psi)	8	10	2020	6Diax12	13.6	28.28	38	3010	Non Engraved
14	Footing (3000Psi)	8	10	2020	6Diax12	13.6	28.28	33	2620	Non Engraved
15	Lift (3750 Psi)	16	10	2020	6Diax12	13.8	28.28	41	3250	Non Engraved
16	Lift (3750 Psi)	16	10	2020	6Diax12	14	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

56

Dr. Aqsa

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

Our Ref. No. CL/CED/ 1107-2 of 2 Dated: 29-10-20

Your Ref. No. QLPM-OM-16 Dated: 23-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 27-10-20 Tested on: 28-10-20 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)								
17	Retaining Wall (3000 Psi)	14	10	2020	6Diax12	14	28.28	41	3250	Non Engraved
18	Retaining Wall (3000 Psi)	14	10	2020	6Diax12	14	28.28	41	3250	Non Engraved
19	Slab (3000 Psi)	21	10	2020	6Diax12	14	28.28	32	2540	Non Engraved
20	Slab (3000 Psi)	21	10	2020	6Diax12	13.4	28.28	32	2540	Non Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

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Dr. Umbreen

To: **Muhammad Awais Khan (FM Works Div.)**
SUPARCO Office Works Division, Lahore

Project: Construction of Staff Hostel With Allied Facilities at Kala Shah Kaku, Lahore

Our Ref. No. CL/CED/ 1108 Dated: 29-10-20

Your Ref. No. Works/Div/SRDC-L Dated: 27-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 28-10-20 Tested on: 29-10-20 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	12	10	2020	6Diax12	13.4	28.28	35	2780	Engraved
2	RCC Footing	12	10	2020	6Diax12	13	28.28	35	2780	Engraved
3	RCC Footing	17	10	2020	6Diax12	13	28.28	20	1590	Engraved
4	RCC Footing	17	10	2020	6Diax12	13	28.28	20	1590	Engraved
5										
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

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Dr. Umbreen

To: Tahir Mehmood
Hasnain Builders, Lahore
Project: 2nd Floor Column at Old City School Gawal Mandi Lahore

Our Ref. No. CL/CED/ 1109 Dated: 29-10-20

Your Ref. No. Nil Dated: 28-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 28-10-20 Tested on: 29-10-20 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	2nd Flr. Columns (3750 psi)	23	9	2020	6Diax12	13.4	28.28	57	4520	Non Engraved
2	2nd Flr. Columns (3750 psi)	23	9	2020	6Diax12	13.4	28.28	55	4360	Non Engraved
3										
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supervisor(lab)

Director/Dy. Director Concrete Laboratory